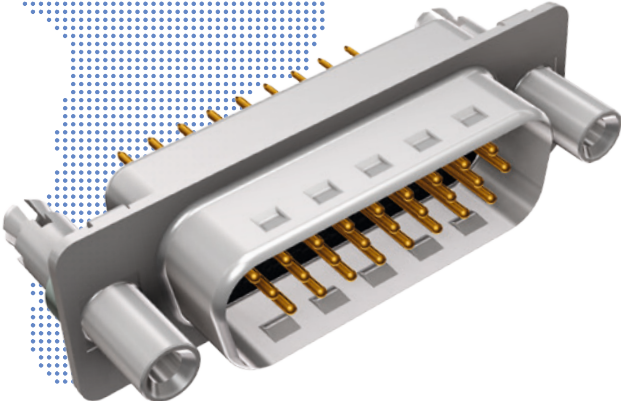
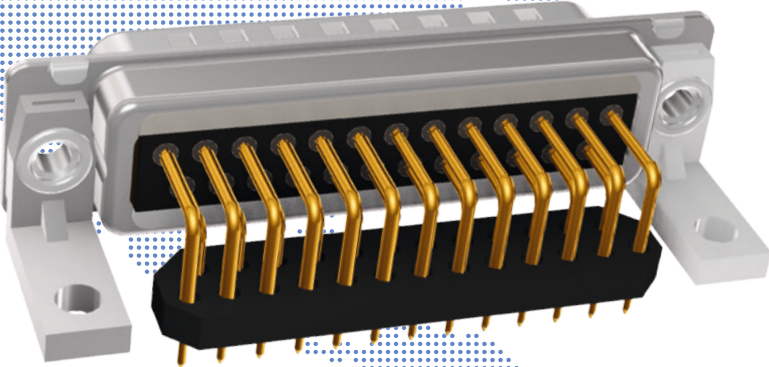


SECTION 3

FILTER D-SUB CONNECTORS





FILTER D-SUB CONNECTORS

Product specification

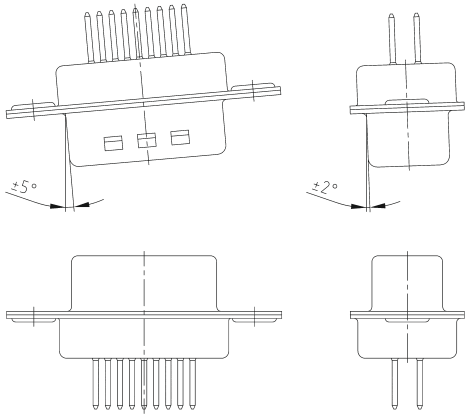
Basic material	Filter D-SUB Standard 9-, 15-, 25-, 37-, 50-position	Filter D-SUB High Density 15-, 25-, 44-, 62-, 78-position		
Contacts	Copper alloy			
Contact plating	Gold over nickel			
Insulator	PBT GF UL 94 V-0			
Shell	Steel tin plated (on request: brass tin plated)			
Technical data				
Dielectric with standing voltage	<ul style="list-style-type: none"> • Standard 424 VDC • Standard (T-Filter) 300 VDC • High DWV 707 VDC • Ultra high DWV 1500 VDC * • Ultra high DWV (T-Filter) 1000 VDC * *on request 	<ul style="list-style-type: none"> • Standard 300 VDC 		
Working voltage	<ul style="list-style-type: none"> • Standard 100 VDC* • High DWV 100 VDC* • Ultra high DWV 200 VDC* 	<ul style="list-style-type: none"> • Standard 100 VDC* 		
*Depending on isolation coordination (refer to DIN VDE 0110/IEC 664-1)				
Voltage surge 10/700 μ s	<ul style="list-style-type: none"> • Standard 300 V • High Voltage 500 V 	<ul style="list-style-type: none"> • Standard 300 V 		
Current rating	7.5 A (UL) / 5 A (CSA,VDE)	3 A (UL,VDE) 2.5 A (CSA)		
Contact resistance	max. 10 m Ω vor Beanspruchung, Δ R max. 10 m Ω nach Beanspruchung refer to IEC 60807-2			
Insulation resistance	$\geq 1G\Omega$			
Capacitor values	370 pF \pm 20 % tolerance 830 pF \pm 20 % tolerance 1300 pF \pm 20 % tolerance <small>other capacitor values on request</small>	370 pF \pm 20 % tolerance 830 pF \pm 20 % tolerance		
Operating temperature	-25 °C to +105 °C	-25 °C to +85 °C		
Humidity	40 °C / 85 % relative humidity/RH			
Mating and unmating forces	9-pos. \leq 30 N 15-pos. \leq 50 N 25-pos. \leq 83 N 37-pos. \leq 123 N 50-pos. \leq 167 N	15-pos. \leq 50 N 26-pos. \leq 83 N 44-pos. \leq 110 N 62-pos. \leq 170 N 78-pos. \leq 200 N		
Quality class	A= Quality class 3 = 50 mating cycles, B = Quality class 2 = 200 mating cycles, C = Quality class 1 = 500 mating cycles			
Solder parameter	Preheating		Solder terminal dipping parameters	
	max. temperature	Duration	max. Solder bath temperature	max. Terminal Immersion Time
Recommended wave-solder parameters	100 °C	30 s	260 °C	5 s

Technical specifications are subject to change without notice.

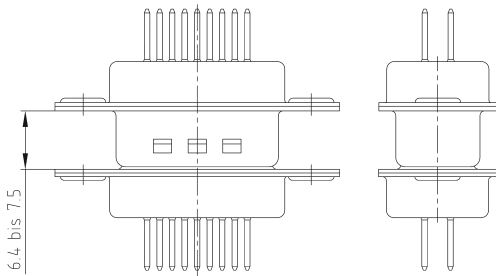
FILTER D-SUB CONNECTORS

Mating conditions

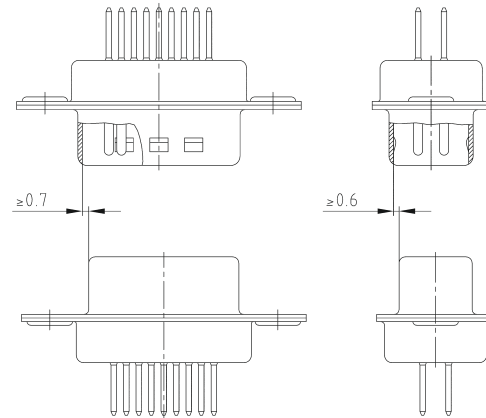
Max. tilt angle for connector mating



Range for safe contact

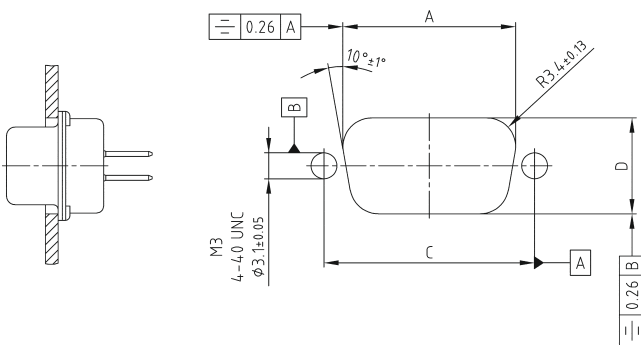


Lock-in range

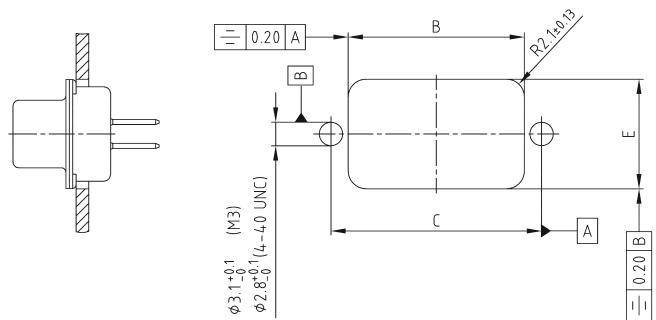


Panel cut-out

Back panel mounting



Front panel mounting

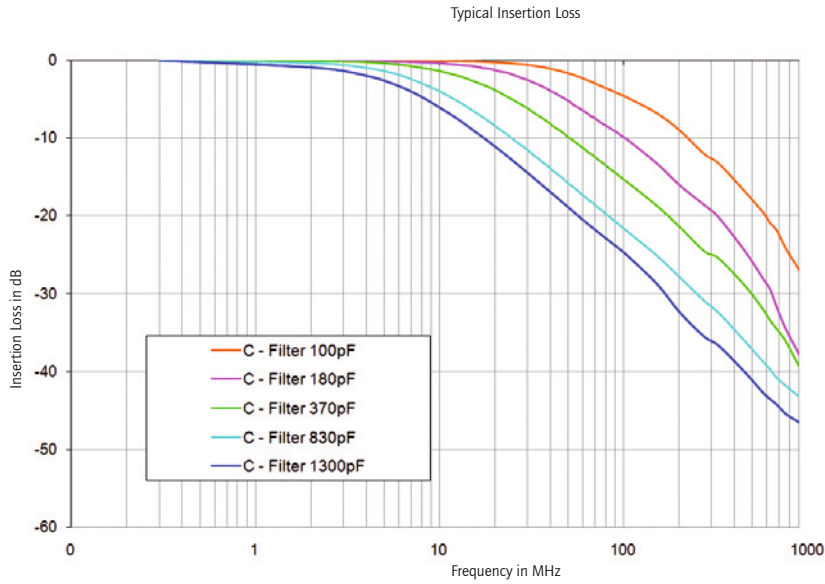


Shell size	No. of poles	A ± 0.1	B ± 0.1	C ± 0.1	D ± 0.1	E ± 0.1
1	9 15	20.50	22.20	25.00	11.40	13.00
2	15 26	28.80	30.50	33.30	11.40	13.00
3	25 44	42.50	44.30	47.04	11.40	13.00
4	37 62	59.10	60.70	63.50	11.40	13.00
5	50 78	56.30	58.30	61.10	14.10	15.80

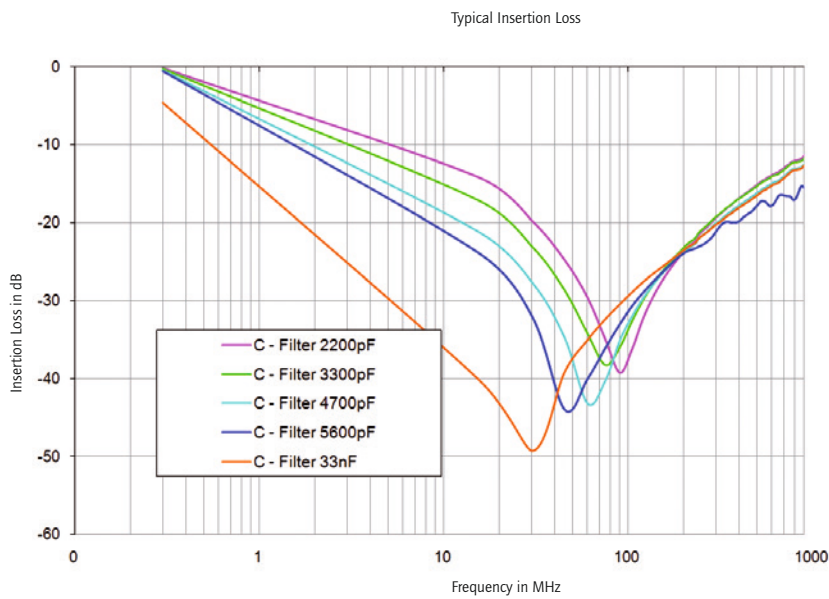
Technical specifications are subject to change without notice.

Insertion loss

C-Filter with planar filter technology



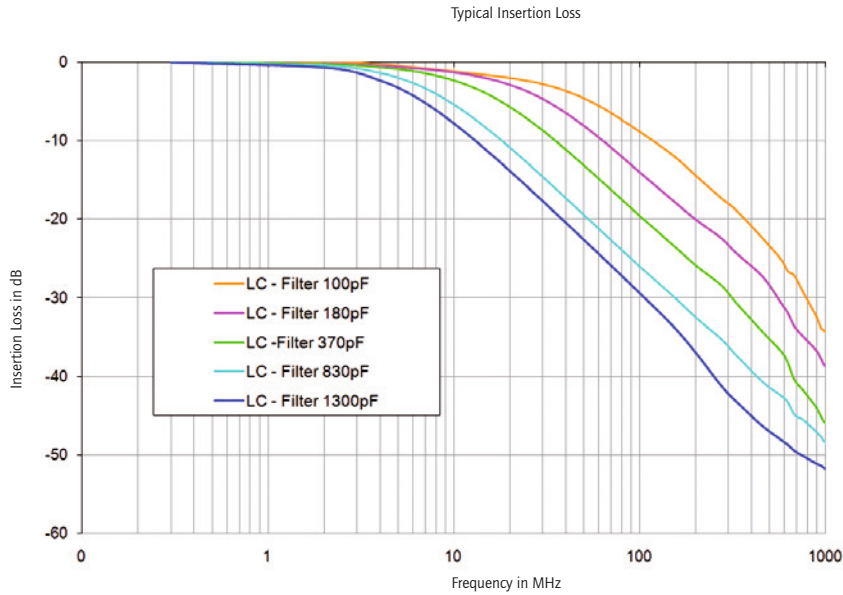
C-Filter with chip technology



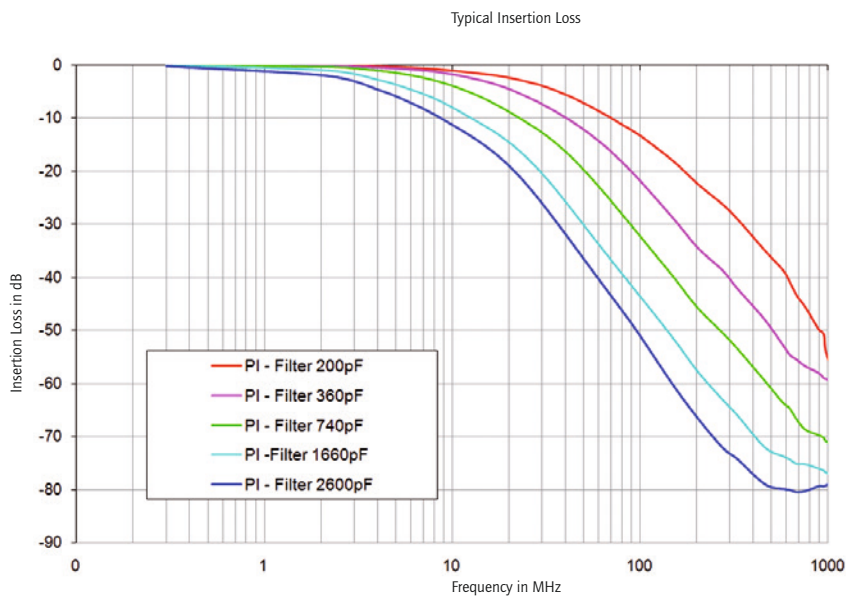
Technical specifications are subject to change without notice.

Insertion loss

LC-Filter with planar filter technology



π -Filter with planar filter technology



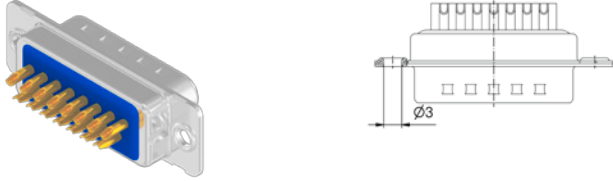
Technical specifications are subject to change without notice.

FILTER D-SUB CONNECTORS
C-Filter Standard

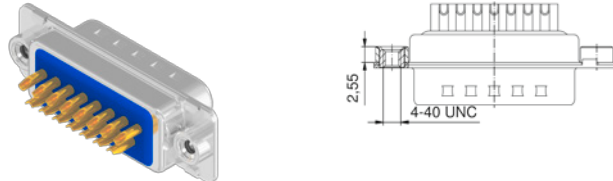
Solder cup
Precision machined contacts, AWG 20

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

Through-hole Ø 3 mm

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
	09	75 (UII) / 5 (CSA VDE)	100	E202784	3	370	242A26780X	241A26880X	
	15						242A26790X	241A26890X	
	25						242A26800X	241A26900X	
	37						242A26810X	241A26910X	
	09	75 (UII) / 5 (CSA VDE)	100	E202784	3	830	242A26820X	241A26920X	
	15						242A26830X	241A26930X	
	25						242A26840X	241A26940X	
	37						242A26850X	241A26950X	
	09	75 (UII) / 5 (CSA VDE)	100	E202784	3	1300	242A26860X	241A26960X	
	15						242A26870X	241A26970X	
	25						242A26880X	241A26980X	
	37						242A26890X	241A26990X	

4-40 UNC threaded insert

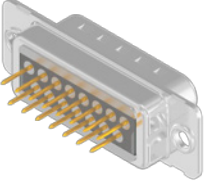
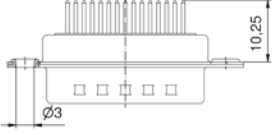
	09	75 (UII) / 5 (CSA VDE)	100	E202784	3	370	242A26940X	241A27040X
	15						242A26950X	241A27050X
	25						242A26960X	241A27060X
	37						242A26970X	241A27070X
	09	75 (UII) / 5 (CSA VDE)	100	E202784	3	830	242A26980X	241A27080X
	15						242A26990X	241A27090X
	25						242A27000X	241A27100X
	37						242A27010X	241A27110X
	09	75 (UII) / 5 (CSA VDE)	100	E202784	3	1300	242A27020X	241A27120X
	15						242A27030X	241A27130X
	25						242A27040X	241A27140X
	37						242A27050X	241A27150X

FILTER D-SUB CONNECTORS
C-Filter Standard

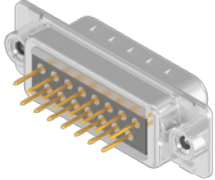
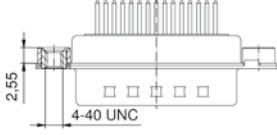
Solder pin, straight
Precision machined contacts

Through-hole Ø 3 mm

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
 	09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A10010X	241A10010X	
	15						242A10020X	241A10020X	
	25						242A10030X	241A10030X	
	37						242A10040X	241A10040X	
	50						242A15580X	241A15690X	
	09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A10090X	241A10090X	
	15						242A10100X	241A10100X	
	25						242A10110X	241A10110X	
	37						242A10120X	241A10120X	
	50						242A15600X	241A15710X	
	09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A10050X	241A10050X	
	15						242A10060X	241A10060X	
	25						242A10070X	241A10070X	
	37						242A10080X	241A10080X	
	50						242A15590X	241A15700X	

4-40 UNC threaded insert

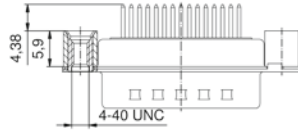
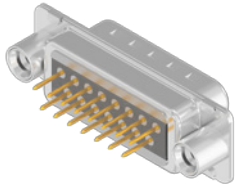
 	09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A10130X	241A10130X
	15						242A10140X	241A10140X
	25						242A10150X	241A10150X
	37						242A10160X	241A10160X
	50						242A15610X	241A15720X
	09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A10210X	241A10210X
	15						242A10220X	241A10220X
	25						242A10230X	241A10230X
	37						242A10240X	241A10240X
	50						242A15630X	241A15740X
	09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A10170X	241A10170X
	15						242A10180X	241A10180X
	25						242A10190X	241A10190X
	37						242A10200X	241A10200X
	50						242A15620X	241A15730X

FILTER D-SUB CONNECTORS
C-Filter Standard

Solder pin, straight
Precision machined contacts

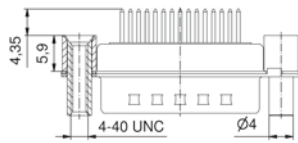
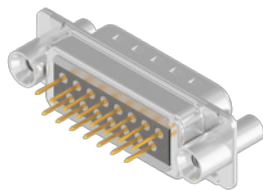
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded rear spacer



No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A10370X	241A10370X
15						242A10380X	241A10380X
25						242A10390X	241A10390X
37						242A10400X	241A10400X
50						242A15670X	241A15780X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A10450X	241A10450X
15						242A10460X	241A10460X
25						242A10470X	241A10470X
37						242A10480X	241A10480X
50						242A15690X	241A15800X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A10410X	241A10410X
15						242A10420X	241A10420X
25						242A10430X	241A10430X
37						242A10440X	241A10440X
50						242A15680X	241A15790X

4-40 UNC front, threaded rear spacer



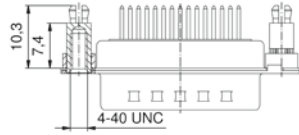
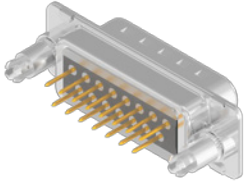
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A10610X	241A10610X
15						242A10620X	241A10620X
25						242A10630X	241A10630X
37						242A10640X	241A10640X
50						242A15730X	241A15840X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A10690X	241A10690X
15						242A10700X	241A10700X
25						242A10710X	241A10710X
37						242A10720X	241A10720X
50						242A15750X	241A15860X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A10650X	241A10650X
15						242A10660X	241A10660X
25						242A10670X	241A10670X
37						242A10680X	241A10680X
50						242A15740X	241A15850X

FILTER D-SUB CONNECTORS
C-Filter Standard

Solder pin, straight
Precision machined contacts

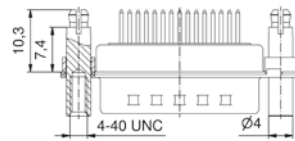
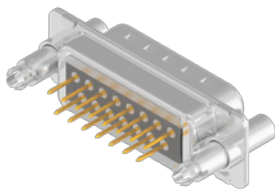
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded rear spacer clip for PCB 1.6 mm



No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A14980X	241A15090X
15						242A14990X	241A15100X
25						242A15000X	241A15110X
37						242A15010X	241A15120X
50						242A15020X	241A15130X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A15080X	241A15190X
15						242A15090X	241A15200X
25						242A15100X	241A15210X
37						242A15110X	241A15220X
50						242A15120X	241A15230X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A15030X	241A15140X
15						242A15040X	241A15150X
25						242A15050X	241A15160X
37						242A15060X	241A15170X
50						242A15070X	241A15180X

4-40 UNC front, threaded rear spacer clip for PCB 1.6 mm



09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A15280X	241A15390X
15						242A15290X	241A15400X
25						242A15300X	241A15410X
37						242A15310X	241A15420X
50						242A15320X	241A15430X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A15380X	241A15490X
15						242A15390X	241A15500X
25						242A15400X	241A15510X
37						242A15410X	241A15520X
50						242A15420X	241A15530X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A15330X	241A15440X
15						242A15340X	241A15450X
25						242A15350X	241A15460X
37						242A15360X	241A15470X
50						242A15370X	241A15480X

FILTER D-SUB CONNECTORS
C-Filter Standard

Solder pin, angled, .318"/7.19 mm
Precision machined contacts, metal bracket

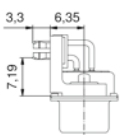
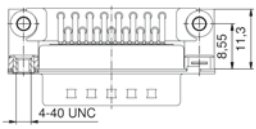
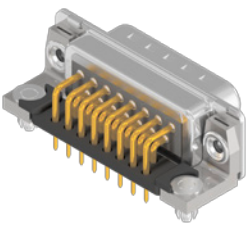
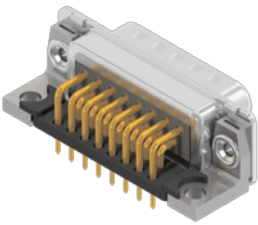
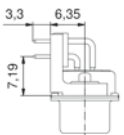
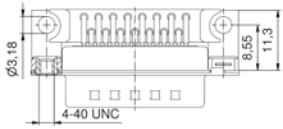
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded insert

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	370	242A12340X	241A12320X
15						242A12350X	241A12330X
25						242A12360X	241A12340X
37						242A12370X	241A12350X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	830	242A12420X	241A12400X
15						242A12430X	241A12410X
25						242A12440X	241A12420X
37						242A12450X	241A12430X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	1300	242A12380X	241A12360X
15						242A12390X	241A12370X
25						242A12400X	241A12380X
37						242A12410X	241A12390X

Clip for PCB 1.6 mm, 4-40 UNC threaded insert

09	75 (UII) / 5 (CSA VDE)	100	E202784	3	370	242A17740X	241A16140X
15						242A17750X	241A16150X
25						242A17760X	241A16160X
37						242A17770X	241A16170X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	830	242A17700X	241A16100X
15						242A17710X	241A16110X
25						242A17720X	241A16120X
37						242A17730X	241A16130X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	1300	242A17660X	241A16060X
15						242A17670X	241A16070X
25						242A17680X	241A16080X
37						242A17690X	241A16090X



FILTER D-SUB CONNECTORS
C-Filter Standard

Solder pin, angled, .370" / 9.4 mm
Precision machined contacts, plastic bracket

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

Grounding strap, through-hole Ø 3.4 mm

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	242A10970X	241A10970X
15						242A10980X	241A10980X
25						242A10990X	241A10990X
37						242A11000X	241A11000X
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	242A11050X	241A11050X
15						242A11060X	241A11060X
25						242A11070X	241A11070X
37						242A11080X	241A11080X
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	242A11010X	241A11010X
15						242A11020X	241A11020X
25						242A11030X	241A11030X
37						242A11040X	241A11040X

Grounding strap, 4-40 UNC threaded insert

09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	242A11090X	241A11090X
15						242A11100X	241A11100X
25						242A11110X	241A11110X
37						242A11120X	241A11120X
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	242A11170X	241A11170X
15						242A11180X	241A11180X
25						242A11190X	241A11190X
37						242A11200X	241A11200X
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	242A11130X	241A11130X
15						242A11140X	241A11140X
25						242A11150X	241A11150X
37						242A11160X	241A11160X

FILTER D-SUB CONNECTORS
C-Filter Standard

Solder pin, angled, .370" / 9.4 mm
Precision machined contacts, plastic bracket

Clip for PCB 1.6 mm, through-hole Ø 3.4 mm

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A12700X	241A12680X
15						242A12710X	241A12690X
25						242A12720X	241A12700X
37						242A12730X	241A12710X
50						242A23990X	241A24090X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A12780X	241A12760X
15						242A12790X	241A12770X
25						242A12800X	241A12780X
37						242A12810X	241A12790X
50						242A24000X	241A24100X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A12740X	241A12720X
15						242A12750X	241A12730X
25						242A12760X	241A12740X
37						242A12770X	241A12750X
50						242A24010X	241A24110X

Clip for PCB 1.6 mm, 4-40 UNC threaded insert

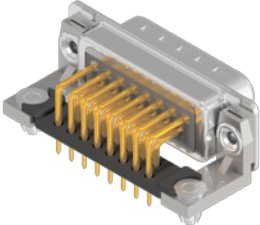
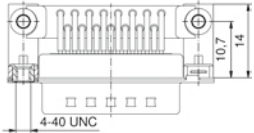
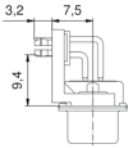
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A12820X	241A12800X
15						242A12830X	241A12810X
25						242A12840X	241A12820X
37						242A12850X	241A12830X
50						242A24030X	241A24130X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A12900X	241A12880X
15						242A12910X	241A12890X
25						242A12920X	241A12900X
37						242A12930X	241A12910X
50						242A24040X	241A24140X
09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A12860X	241A12840X
15						242A12870X	241A12850X
25						242A12880X	241A12860X
37						242A12890X	241A12870X
50						242A24050X	241A24150X

FILTER D-SUB CONNECTORS
C-Filter Standard

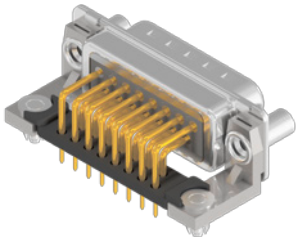
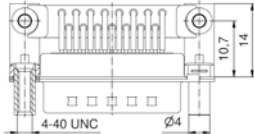
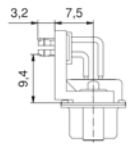
Solder pin, angled, .370" / 9.4 mm
Precision machined contacts, metal bracket

Clip for PCB 1.6 mm, 4-40 UNC threaded insert

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
		09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A21450X	241A21600X
		15						242A21460X	241A21610X
		25						242A21470X	241A21620X
		37						242A21480X	241A21630X
		50						242A27230X	241A27330X
		09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A21490X	241A21640X
		15						242A21500X	241A21650X
		25						242A21510X	241A21660X
		37						242A21520X	241A21670X
		50						242A27240X	241A27340X
		09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A21530X	241A21680X
		15						242A21540X	241A21690X
		25						242A21550X	241A21700X
		37						242A21560X	241A21710X
		50						242A27250X	241A27350X

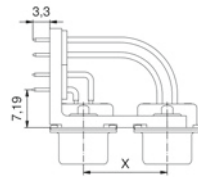
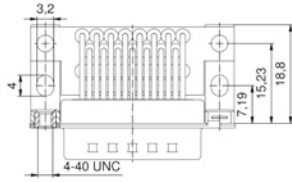
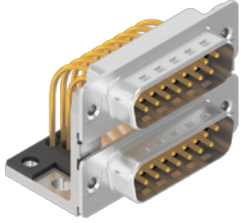
Clip for PCB 1.6 mm, 4-40 UNC front spacer

		09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	242A22440X	241A22540X
		15						242A22450X	241A22550X
		25						242A22460X	241A22560X
		37						242A22470X	241A22570X
		50						242A27310X	241A27410X
		09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	242A22480X	241A22580X
		15						242A22490X	241A22590X
		25						242A22500X	241A22600X
		37						242A22510X	241A22610X
		50						242A27320X	241A27420X
		09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	242A22520X	241A22620X
		15						242A22530X	241A22630X
		25						242A22540X	241A22640X
		37						242A22550X	241A22650X
		50						242A27330X	241A27430X

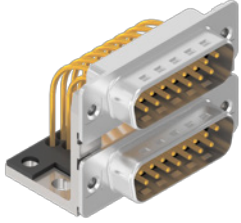
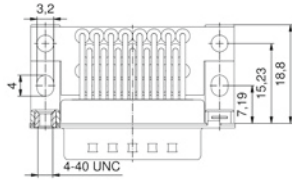
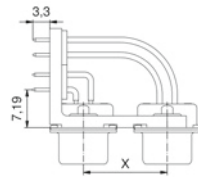
FILTER D-SUB CONNECTORS
C-Filter Dual Port

Plug upper - Plug bottom
Solder pin, angled, precision machined contacts

4-40 UNC threaded insert



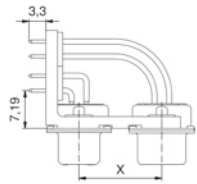
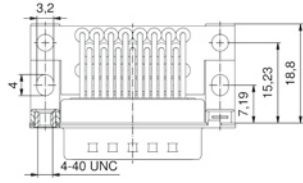
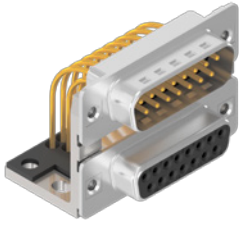
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded insert		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Connector spacing X = [inches, mm]	Part No.
  	09/09	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14130X
	15/15	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14140X
	25/25	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14150X
	37/37	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14160X
	09/09	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14210X
	15/15	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14220X
	25/25	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14230X
	37/37	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14240X
	09/09	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14170X
	15/15	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14180X
	25/25	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14190X
	37/37	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14200X
	09/09	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14610X
	15/15	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14620X
	25/25	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14630X
	37/37	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14640X
	09/09	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14690X
	15/15	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14700X
	25/25	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14710X
	37/37	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14720X
	09/09	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14650X
	15/15	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14660X
	25/25	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14670X
	37/37	15	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14680X

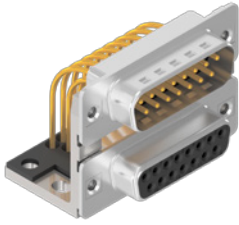
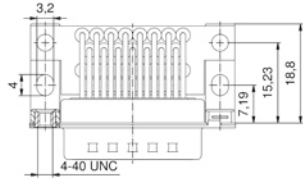
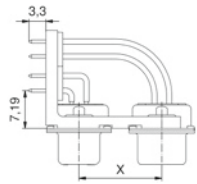
FILTER D-SUB CONNECTORS
C-Filter Dual Port

Plug upper - Socket bottom
Solder pin, angled, precision machined contacts

4-40 UNC threaded insert



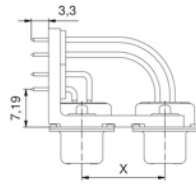
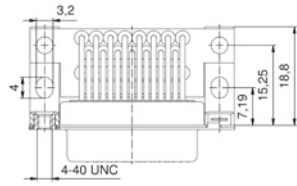
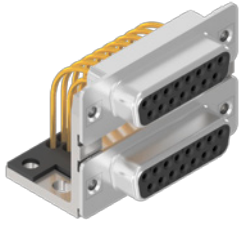
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded insert		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Connector spacing X = [inches, mm]	Part No.	
  	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14250X
	15/15	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14260X
	25/25	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14270X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14280X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	241A14330X
	15/15	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14340X
	25/25	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14350X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	241A14360X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14290X
	15/15	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14300X
	25/25	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14310X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	241A14320X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14730X
	15/15	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14740X
	25/25	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14750X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	241A14760X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14810X
	15/15	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14820X
	25/25	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14830X
	37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	241A14840X
37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14770X	
15/15	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14780X	
25/25	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14790X	
37/37	15/15	09/09	75 (UI) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	241A14800X	

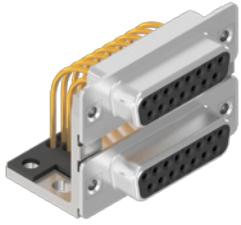
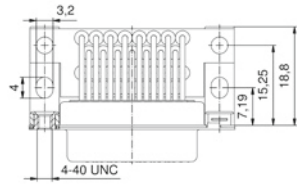
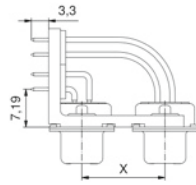
FILTER D-SUB CONNECTORS
C-Filter Dual Port

Socket upper - Socket bottom
Solder pin, angled, precision machined contacts

4-40 UNC threaded insert



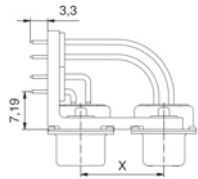
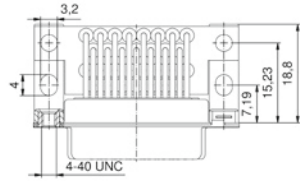
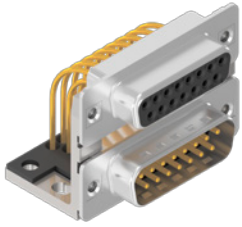
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded insert		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Connector spacing X = [inches, mm]	Part No.	
  	15/15	15/15	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	242A14020X
	25/25	25/25	25/25	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	242A14030X
	37/37	37/37	37/37	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	242A14040X
	09/09	09/09	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.625, 15.88	242A14050X
	15/15	15/15	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	242A14100X
	25/25	25/25	25/25	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	242A14110X
	37/37	37/37	37/37	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	242A14120X
	09/09	09/09	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.625, 15.88	242A14130X
	15/15	15/15	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	242A14060X
	25/25	25/25	25/25	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	242A14070X
	37/37	37/37	37/37	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	242A14080X
	09/09	09/09	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.625, 15.88	242A14090X
	15/15	15/15	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	242A14500X
	25/25	25/25	25/25	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	242A14510X
	37/37	37/37	37/37	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	242A14520X
	09/09	09/09	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	.750, 19.05	242A14530X
	15/15	15/15	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	242A14580X
	25/25	25/25	25/25	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	242A14590X
	37/37	37/37	37/37	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	242A14600X
	09/09	09/09	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	.750, 19.05	242A14610X
15/15	15/15	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	242A14540X	
25/25	25/25	25/25	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	242A14550X	
37/37	37/37	37/37	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	242A14560X	
09/09	09/09	09/09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	.750, 19.05	242A14570X	

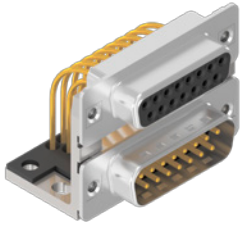
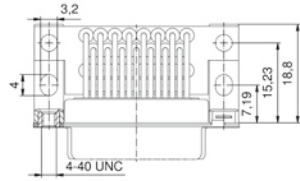
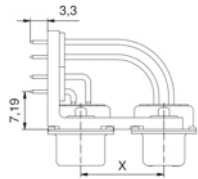
FILTER D-SUB CONNECTORS
C-Filter Dual Port

Socket upper - Plug bottom
Solder pin, angled, precision machined contacts

4-40 UNC threaded insert



Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

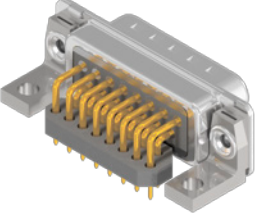
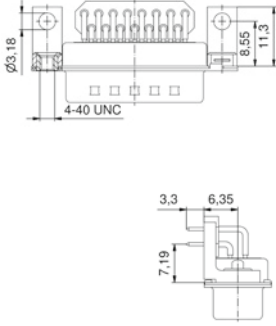
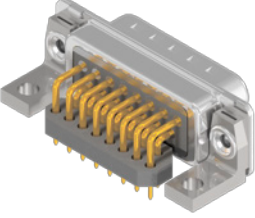
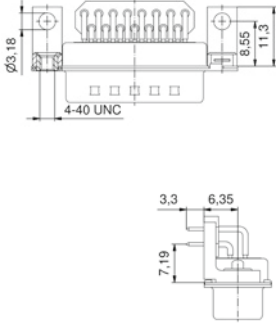
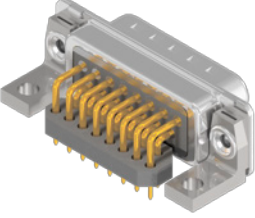
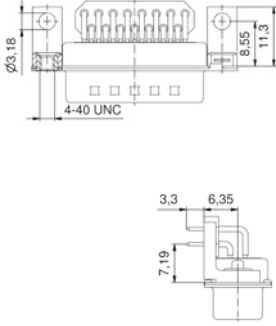
4-40 UNC threaded insert		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Connector spacing X = [inches, mm]	Part No.		
  	15/15	09/09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	.625, 15.88	242A14140X		
	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	370	.625, 15.88	242A14150X		
	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	370	.625, 15.88	242A14160X	
	37/37	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	370	.625, 15.88	242A14170X
	15/15	09/09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	.625, 15.88	242A14220X		
	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	830	.625, 15.88	242A14230X		
	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	830	.625, 15.88	242A14240X	
	37/37	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	830	.625, 15.88	242A14250X
	15/15	09/09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	.625, 15.88	242A14180X		
	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	1300	.625, 15.88	242A14190X		
	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	1300	.625, 15.88	242A14200X	
	37/37	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	1300	.625, 15.88	242A14210X
	15/15	09/09	75 (UI) / 5 (CSA VDE)	100	E202784	3	370	.750, 19.05	242A14620X		
	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	370	.750, 19.05	242A14630X		
	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	370	.750, 19.05	242A14640X	
	37/37	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	370	.750, 19.05	242A14650X
	15/15	09/09	75 (UI) / 5 (CSA VDE)	100	E202784	3	830	.750, 19.05	242A14700X		
	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	830	.750, 19.05	242A14710X		
	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	830	.750, 19.05	242A14720X	
	37/37	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	830	.750, 19.05	242A14730X
15/15	09/09	75 (UI) / 5 (CSA VDE)	100	E202784	3	1300	.750, 19.05	242A14660X			
25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	1300	.750, 19.05	242A14670X			
37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	1300	.750, 19.05	242A14680X		
37/37	37/37	25/25	15/15	09/09	75 (UI) / 5 (CSA VDE)	E202784	3	1300	.750, 19.05	242A14690X	

FILTER D-SUB CONNECTORS
LC-Filter Standard

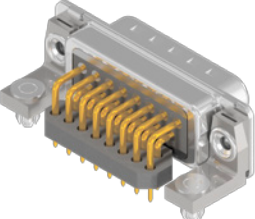
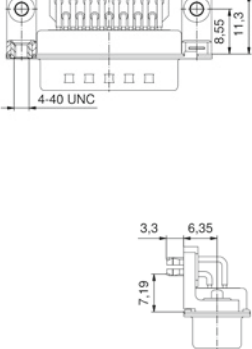
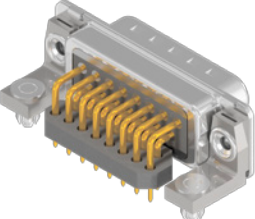
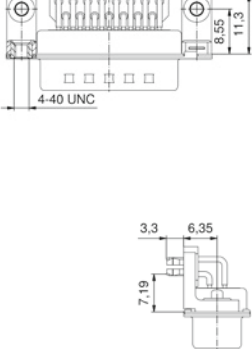
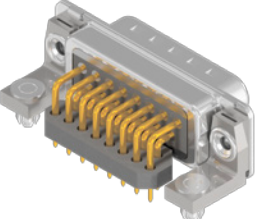
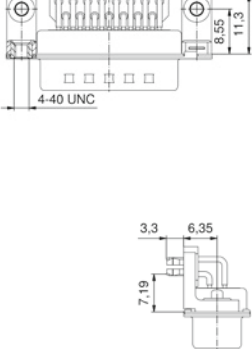
Solder pin, angled, .318"/7.19 mm
Precision machined contacts, metal bracket

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded insert

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
 	09	100	E202784	3	370	242A24700X	241A24800X
	15					242A24710X	241A24810X
	25					242A24720X	241A24820X
	37					242A24730X	241A24830X
 	09	100	E202784	3	830	242A24740X	241A24840X
	15					242A24750X	241A24850X
	25					242A24760X	241A24860X
	37					242A24770X	241A24870X
 	09	100	E202784	3	1300	242A24780X	241A24880X
	15					242A24790X	241A24890X
	25					242A24800X	241A24900X
	37					242A24810X	241A24910X

Clip for PCB 1.6 mm, 4-40 UNC threaded insert

 	09	100	E202784	3	370	242A24860X	241A24960X
	15					242A24870X	241A24970X
	25					242A24880X	241A24980X
	37					242A24890X	241A24990X
 	09	100	E202784	3	830	242A24900X	241A25000X
	15					242A24910X	241A25010X
	25					242A24920X	241A25020X
	37					242A24930X	241A25030X
 	09	100	E202784	3	1300	242A24940X	241A25040X
	15					242A24950X	241A25050X
	25					242A24960X	241A25060X
	37					242A24970X	241A25070X

FILTER D-SUB CONNECTORS
LC-Filter Standard

Solder pin, angled, .370" / 9.4 mm
Precision machined contacts, metal bracket

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC threaded insert

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	370	242A25020X	241A25120X
15						242A25030X	241A25130X
25						242A25040X	241A25140X
37						242A25050X	241A25150X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	830	242A25060X	241A25160X
15						242A25070X	241A25170X
25						242A25080X	241A25180X
37						242A25090X	241A25190X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	1300	242A25100X	241A25200X
15						242A25110X	241A25210X
25						242A25120X	241A25220X
37						242A25130X	241A25230X

Clip for PCB 1.6 mm, 4-40 UNC threaded insert

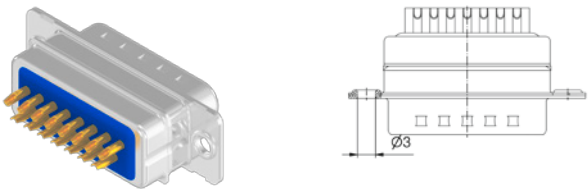
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	370	242A25340X	241A25440X
15						242A25350X	241A25450X
25						242A25360X	241A25460X
37						242A25370X	241A25470X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	830	242A25380X	241A25480X
15						242A25390X	241A25490X
25						242A25400X	241A25500X
37						242A25410X	241A25510X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	1300	242A25420X	241A25520X
15						242A25430X	241A25530X
25						242A25440X	241A25540X
37						242A25450X	241A25550X

FILTER D-SUB CONNECTORS π-Filter Standard

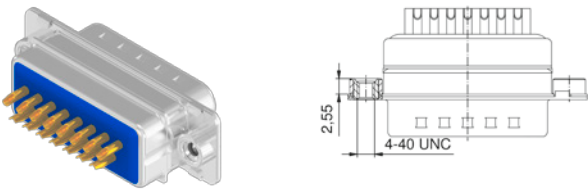
Solder cup
Precision machined contacts, AWG 20

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

Through-hole Ø 3 mm

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
	09	75 (UII) / 5 (CSA, VDE)	100	E202784	3	2x 370	242A29020X	241A29120X	
	15						242A29030X	241A29130X	
	25						242A29040X	241A29140X	
	37						242A29050X	241A29150X	
	09	75 (UII) / 5 (CSA, VDE)	100	E202784	3	2x 830	242A29060X	241A29160X	
	15						242A29070X	241A29170X	
	25						242A29080X	241A29180X	
	37						242A29090X	241A29190X	
	09	75 (UII) / 5 (CSA, VDE)	100	E202784	3	2x 1300	242A29100X	241A29200X	
	15						242A29110X	241A29210X	
	25						242A29120X	241A29220X	
	37						242A29130X	241A29230X	

4-40 UNC threaded insert

	09	75 (UII) / 5 (CSA, VDE)	100	E202784	3	2x 370	242A29180X	241A29280X
	15						242A29190X	241A29290X
	25						242A29200X	241A29300X
	37						242A29210X	241A29310X
	09	75 (UII) / 5 (CSA, VDE)	100	E202784	3	2x 830	242A29220X	241A29320X
	15						242A29230X	241A29330X
	25						242A29240X	241A29340X
	37						242A29250X	241A29350X
	09	75 (UII) / 5 (CSA, VDE)	100	E202784	3	2x 1300	242A29260X	241A29360X
	15						242A29270X	241A29370X
	25						242A29280X	241A29380X
	37						242A29290X	241A29390X

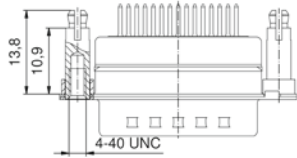
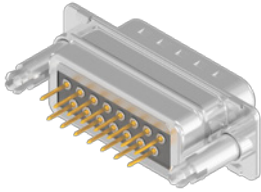
FILTER D-SUB CONNECTORS
π-Filter Standard

Solder pin, straight
Precision machined contacts

4-40 UNC threaded rear spacer clip for PCB 1.6 mm

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 370	242A26300X	241A26400X
15						242A26310X	241A26410X
25						242A26320X	241A26420X
37						242A26330X	241A26430X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 830	242A26340X	241A26440X
15						242A26350X	241A26450X
25						242A26360X	241A26460X
37						242A26370X	241A26470X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 1300	242A26380X	241A26480X
15						242A26390X	241A26490X
25						242A26400X	241A26500X
37						242A26410X	241A26510X



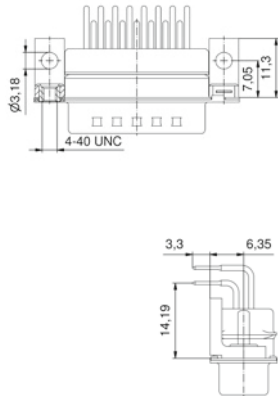
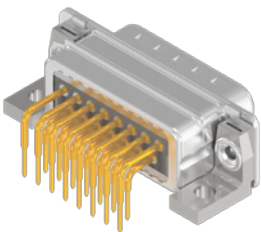
FILTER D-SUB CONNECTORS
π-Filter Standard

Solder pin, angled, .590" / 14.19 mm
Precision machined contacts, metal bracket

4-40 UNC threaded insert

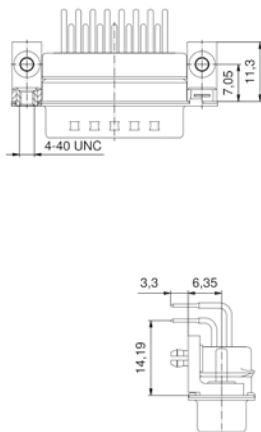
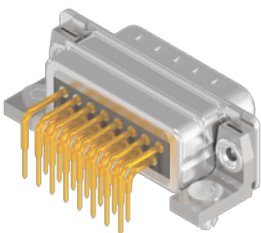
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 370	242A25980X	241A26080X
15						242A25990X	241A26090X
25						242A26000X	241A26100X
37						242A26010X	241A26110X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 830	242A26020X	241A26120X
15						242A26030X	241A26130X
25						242A26040X	241A26140X
37						242A26050X	241A26150X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 1300	242A26060X	241A26160X
15						242A26070X	241A26170X
25						242A26080X	241A26180X
37						242A26090X	241A26190X



Clip for PCB 1.6 mm, 4-40 UNC threaded insert

09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 370	242A26140X	241A26240X
15						242A26150X	241A26250X
25						242A26160X	241A26260X
37						242A26170X	241A26270X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 830	242A26180X	241A26280X
15						242A26190X	241A26290X
25						242A26200X	241A26300X
37						242A26210X	241A26310X
09	75 (UII) / 5 (CSA VDE)	100	E202784	3	2x 1300	242A26220X	241A26320X
15						242A26230X	241A26330X
25						242A26240X	241A26340X
37						242A26250X	241A26350X



FILTER D-SUB CONNECTORS
C-Filter High Density

Solder pin, straight
Precision machined contacts

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

Through-hole Ø 3 mm

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	370	242A17980X	241A16380X	
	26						242A17990X	241A16390X	
	44						242A18000X	241A16400X	
	62						242A18010X	241A16410X	
	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	830	242A18020X	241A16420X	
	26						242A18030X	241A16430X	
	44						242A18040X	241A16440X	
	62						242A18050X	241A16450X	

4-40 UNC threaded insert

	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	370	242A18060X	241A16460X
	26						242A18070X	241A16470X
	44						242A18080X	241A16480X
	62						242A18090X	241A16490X
	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	830	242A18100X	241A16500X
	26						242A18110X	241A16510X
	44						242A18120X	241A16520X
	62						242A18130X	241A16530X

4-40 UNC threaded rear spacer

	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	370	242A18220X	241A16620X
	26						242A18230X	241A16630X
	44						242A18240X	241A16640X
	62						242A18250X	241A16650X
	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	830	242A18260X	241A16660X
	26						242A18270X	241A16670X
	44						242A18280X	241A16680X
	62						242A18290X	241A16690X

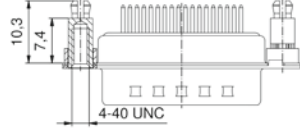
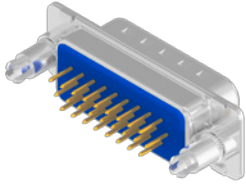
4-40 UNC front, threaded rear spacer

	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	370	242A18380X	241A16780X
	26						242A18390X	241A16790X
	44						242A18400X	241A16800X
	62						242A18410X	241A16810X
	15	3 (UL VDE) / 2.5 (CSA)	100	E202784	3	830	242A18420X	241A16820X
	26						242A18430X	241A16830X
	44						242A18440X	241A16840X
	62						242A18450X	241A16850X

FILTER D-SUB CONNECTORS
C-Filter High Density

Solder pin, straight
Precision machined contacts

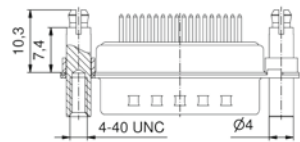
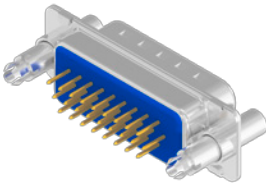
4-40 UNC threaded rear spacer clip for PCB 1.6 mm



No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20610X	241A20760X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20620X	241A20770X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20630X	241A20780X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20640X	241A20790X
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20650X	241A20800X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20660X	241A20810X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20670X	241A20820X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20680X	241A20830X

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

4-40 UNC front, threaded rear spacer clip for PCB 1.6 mm

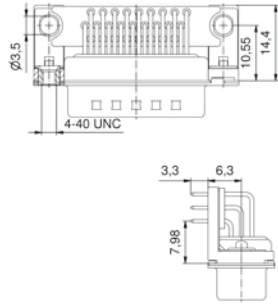
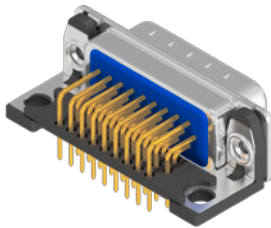


15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20770X	241A20920X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20780X	241A20930X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20790X	241A20940X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A20800X	241A20950X
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20810X	241A20960X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20820X	241A20970X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20830X	241A20980X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A20840X	241A20990X

FILTER D-SUB CONNECTORS
C-Filter High Density

Solder pin, angled, .350" / 7.98 mm
Precision machined contacts, plastic bracket

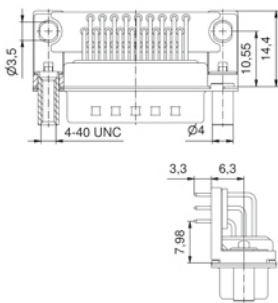
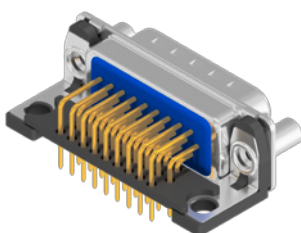
Grounding strap, 4-40 UNC threaded insert



No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18690X	241A17100X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18700X	241A17110X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18710X	241A17120X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18720X	241A17130X
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18730X	241A17140X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18740X	241A17150X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18750X	241A17160X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18760X	241A17170X

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

Grounding strap, 4-40 UNC front spacer

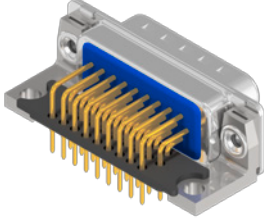
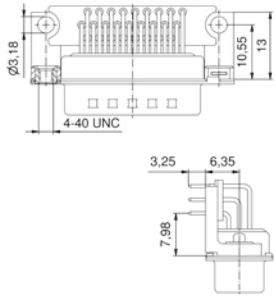


15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18850X	241A17260X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18860X	241A17270X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18870X	241A17280X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A18880X	241A17290X
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18890X	241A17300X
26	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18900X	241A17310X
44	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18910X	241A17320X
62	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A18920X	241A17330X

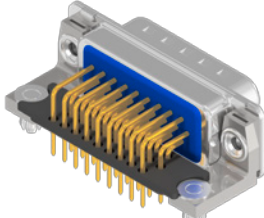
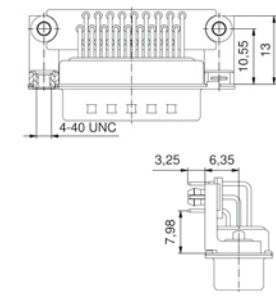
FILTER D-SUB CONNECTORS C-Filter High Density

Solder pin, angled, .350" / 7.98 mm
Precision machined contacts, metal bracket

4-40 UNC threaded insert

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
 	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A19810X	241A18220X	
	26						242A19820X	241A18230X	
	44						242A19830X	241A18240X	
	62						242A19840X	241A18250X	
	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A19850X	241A18260X	
	26						242A19860X	241A18270X	
	44						242A19870X	241A18280X	
	62						242A19880X	241A18290X	

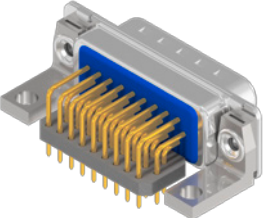
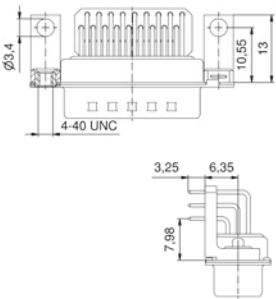
Clip for PCB 1.6 mm, 4-40 UNC threaded insert

 	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A19490X	241A17900X
	26						242A19500X	241A17910X
	44						242A19510X	241A17920X
	62						242A19520X	241A17930X
	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A19530X	241A17940X
	26						242A19540X	241A17950X
	44						242A19550X	241A17960X
	62						242A19560X	241A17970X

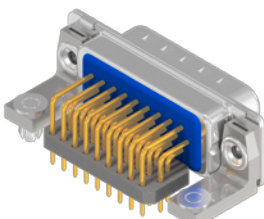
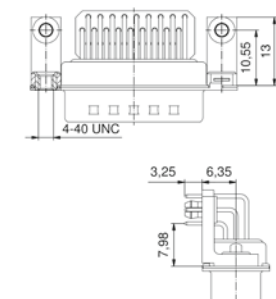
FILTER D-SUB CONNECTORS LC-Filter High Density

Solder pin, angled, .350" / 7.98 mm
Precision machined contacts, metal bracket

4-40 UNC threaded insert

		No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No. Socket contact	Part No. Plug contact
 	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A25620X	241A25720X	
	26						242A25630X	241A25730X	
	44						242A25640X	241A25740X	
	62						242A25650X	241A25750X	
	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A25660X	241A25760X	
	26						242A25670X	241A25770X	
	44						242A25680X	241A25780X	
	62						242A25690X	241A25790X	

Clip for PCB 1.6 mm, 4-40 UNC threaded insert

 	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	242A25780X	241A25880X
	26						242A25790X	241A25890X
	44						242A25800X	241A25900X
	62						242A25810X	241A25910X
	15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	242A25820X	241A25920X
	26						242A25830X	241A25930X
	44						242A25840X	241A25940X
	62						242A25850X	241A25950X

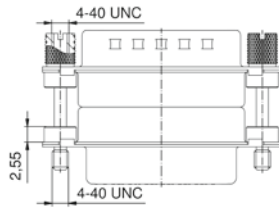
Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Brass tin plated or stainless steel
• Quality class 1 (C) = 500 mating cycles
• M3 thread

FILTER D-SUB CONNECTORS
C-Filter Full Metal Adapter

Socket connector - Plug connector
Precision machined contacts

4-40 UNC jack screw



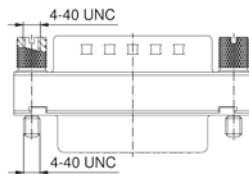
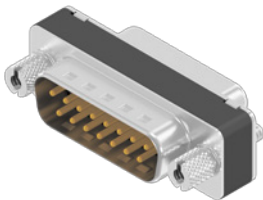
No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No.
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	243A12200X
15	243A12210X					
25	243A12220X					
37	243A12230X					
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	243A12240X
15	243A12250X					
25	243A12260X					
37	243A12270X					
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	243A12280X
15	243A12290X					
25	243A12300X					
37	243A12310X					

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Quality class 1 (C) = 500 mating cycles
• M3 jack screw

FILTER D-SUB CONNECTORS
C-Filter Adapter

Socket connector - Plug connector, low profile
Precision machined contacts

4-40 UNC jack screw



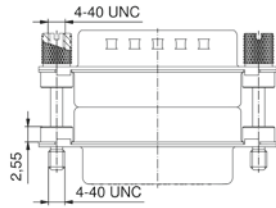
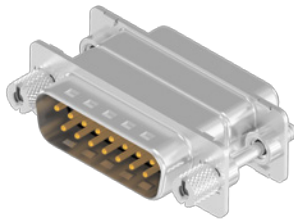
No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No.
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	370	243A10010X
15						243A10020X
25						243A10030X
37						243A10040X
50	243A10130X					
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	830	243A10090X
15						243A10100X
25						243A10110X
37						243A10120X
50	243A10150X					
09	75 (UL) / 5 (CSA, VDE)	100	E202784	3	1300	243A10050X
15						243A10060X
25						243A10070X
37						243A10080X
50	243A10140X					

Shell: Steel tin plated
Quality class 3 (A) = 50 mating cycles
On request:
• Quality class 1 (C) = 500 mating cycles
• M3 jack screw

FILTER D-SUB CONNECTORS
π-Filter Full Metal Adapter

Socket connector - Plug connector
 Precision machined contacts

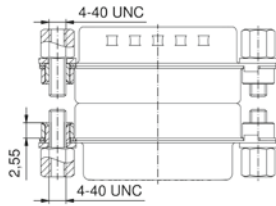
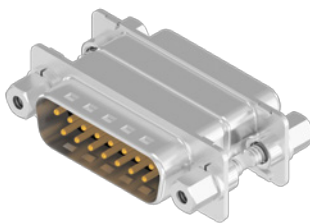
4-40 UNC jack screw



No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No.
09	15 (UL) / 5 (CSA, VDE)	100	E202784	3	2x 370	MAP1XAAAR02R741X
15	MAP2XAAAR02R741X					
25	MAP3XAAAR02R741X					
37	MAP4XAAAR02R741X					
09	15 (UL) / 5 (CSA, VDE)	100	E202784	3	2x 830	MAP1XAAAR02R162X
15	MAP2XAAAR02R162X					
25	MAP3XAAAR02R162X					
37	MAP4XAAAR02R162X					
09	15 (UL) / 5 (CSA, VDE)	100	E202784	3	2x 1300	MAP1XAAAR02R262X
15	MAP2XAAAR02R262X					
25	MAP3XAAAR02R262X					
37	MAP4XAAAR02R262X					

Shell: Steel tin plated
 Quality class 3 (A) = 50 mating cycles
 On request:
 • Quality class 1 (C) = 500 mating cycles
 • M3 jack screw
 • M3 hex bolt

4-40 UNC hex bolt

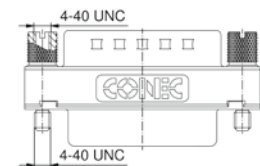


09	15 (UL) / 5 (CSA, VDE)	100	E202784	3	2x 370	MAP1XAAAH02R741X
15	MAP2XAAAH02R741X					
25	MAP3XAAAH02R741X					
37	MAP4XAAAH02R741X					
09	15 (UL) / 5 (CSA, VDE)	100	E202784	3	2x 830	MAP1XAAAH02R162X
15	MAP2XAAAH02R162X					
25	MAP3XAAAH02R162X					
37	MAP4XAAAH02R162X					
09	15 (UL) / 5 (CSA, VDE)	100	E202784	3	2x 1300	MAP1XAAAH02R262X
15	MAP2XAAAH02R262X					
25	MAP3XAAAH02R262X					
37	MAP4XAAAH02R262X					

FILTER D-SUB CONNECTORS
C-Filter Adapter High Density

Socket connector - Plug connector, low profile
 Precision machined contacts

4-40 UNC jack screw



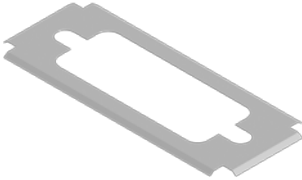
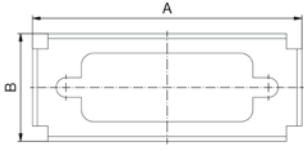
No. of poles	Current rating [A]	Working voltage [V DC]	UL-File	Quality class	Capacitance [pF]	Part No.
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	370	243A11640X
26						243A11650X
44						243A11660X
62						243A11670X
15	3 (UL, VDE) / 2.5 (CSA)	100	E202784	3	830	243A11680X
26						243A11690X
44						243A11700X
62						243A11710X

Shell: Steel tin plated
 Quality class 3 (A) = 50 mating cycles
 On request:
 • Quality class 1 (C) = 500 mating cycles
 • M3 jack screw

FILTER D-SUB CONNECTORS
Accessories

EMI/RFI shielding frames

- Material: Stainless steel
- For improved ground contact
- Suitable for assembly to the mating side

		Shell size	No. of poles Standard	No. of poles High Density	Measure A [mm]	Measure B [mm]	Part No.
 	1	09	15	35.8	17.5	160X10839X	
	2	15	26	44.2	17.5	160X10849X	
	3	25	44	57.9	17.5	160X10859X	
	4	37	62	74.4	17.5	160X10869X	
	5	50	78	72.1	20.3	160X10879X	