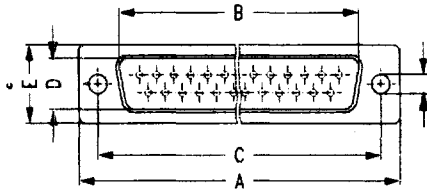


Connectors Sub-D with Soldering Terminals

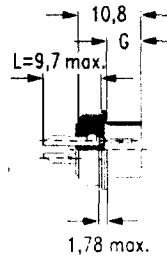
Pin and female connectors

9, 15, 25, 37 and 50 contacts
With \varnothing 3 mm holes

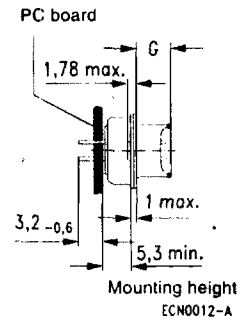
Pin connector with screen braiding



with solder lugs for
conventional wiring



with straight solder pins
for printed circuits



The specified dimensions are mounting dimensions (deviations are within the standard tolerances).

Number of contacts	Connector	Dimensions in mm					
		A	B	C	D	E	G
	Pin	-0,76	+0,25		+0,25	-0,76	-0,3
	Female	-0,76	-0,25		-0,25	-0,76	-0,25
9	Pin	31,19	16,79	25 +0,12/-0,13	8,23	12,93	6,12
9	Female	31,19	16,46	25 +0,12/-0,13	8,02	12,93	6,3
15	Pin	39,52	25,12	33,3 +0,15/-0,1	8,23	12,93	6,12
15	Female	39,52	24,79	33,3 +0,15/-0,1	8,02	12,93	6,3
25	Pin	53,42	38,84	47,04 +/- 0,13	8,23	12,93	5,99
25	Female	53,42	38,5	47,04 +/- 0,13	8,02	12,93	6,3
37	Pin	69,7	55,3	63,5 +/- 0,13	8,23	12,93	5,99
37	Female	69,7	54,96	63,5 +/- 0,13	8,02	12,93	6,3
50 ¹⁾	Pin	67,31	52,68	61,10 +0,14/-0,11	10,95	15,75	5,99
50 ¹⁾	Female	67,31	52,55	61,10 +0,14/-0,11	10,87	15,75	6,3

1) 3-row dielectric

Connectors Sub-D with Soldering Terminals

Technical data

Dielectric	thermoplastic material, glass-fiber reinforced
Protective collar	steel, nickel-plated and tinned
Contacts	copper alloy, punched/rolled, insertion area Au/Pd on Ni, performance level 2
Tails	tinned
Current rating per contact (at 20 °C ambient temperature)	5 A
Dielectric strength (test voltage) at 860 ... 1060 mbar atm. pressure	1000 V, 50 Hz
Contact resistance	≤ 15 mΩ
Insulation resistance	≥ 5 · 10 ⁹ Ω
Service life (performance level 2)	≥ 250 insertion/removal cycles
Flammability	self-extinguishing after < 10 s, UL 94 V-0
Temperature range	- 55 ... + 125 °C
Approvals	UL listed: File E 92320, Project 91 ME 52632

Item	Number of contacts	Ordering code	DU	Price each			
				Pcs	DU+	100+	500+
With solder lugs; ∅ 3 mm holes							
Pin	9	V42254-A1115-C209	70				
Female	9	V42254-A1115-B209	70				
Pin	15	V42254-A1115-C215	70				
Female	15	V42254-A1115-B215	70				
Pin	25	V42254-A1115-C225	60				
Female	25	V42254-A1115-B225	60				
Pin	37	V42254-A1115-C237	60				
Female	37	V42254-A1115-B237	60				
Pin	50	V42254-A1115-C250	55				
Female	50	V42254-A1115-B250	55				
With solder pins (2,76 mm × 2,84 mm center spacing); ∅ 3 mm holes							
Pin	9	V42254-A2115-C209	70				
Female	9	V42254-A2115-B209	70				
Pin	15	V42254-A2115-C215	70				
Female	15	V42254-A2115-B215	70				
Pin	25	V42254-A2115-C225	60				
Female	25	V42254-A2115-B225	60				
Female	37	V42254-A2115-B237	60				
Pin	50	V42254-A2115-C250	55				
Female	50	V42254-A2115-B250	55				

Connectors Sub-D with Soldering Terminals

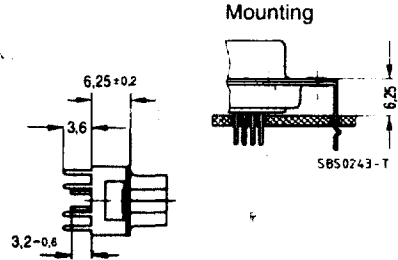
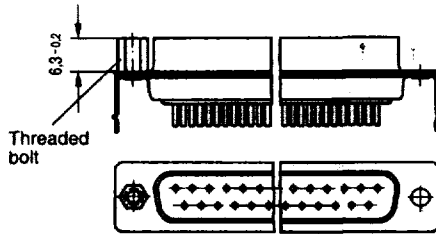
Pin and female connectors

9, 15 and 25 contacts

With solder pins for printed circuits

With grounding plate, grounding solder pins and threaded bolt

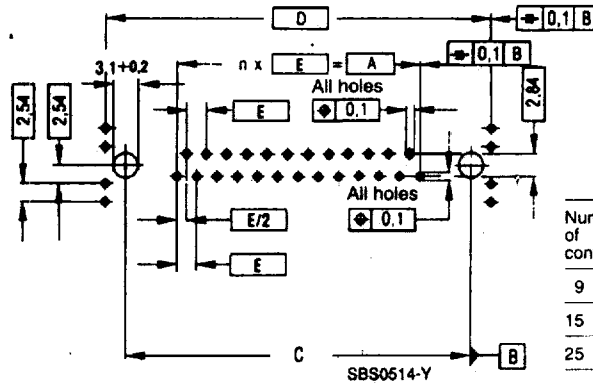
Pin connectors with screen braiding



Outline drawing shows only 1 threaded bolt

For dimensions not specified here, see page 161

Mounting holes (component side) for printed circuits



All holes $\varnothing 1 \pm 0,1$;
Through-plated holes
are recommended

Number of contacts	n	Dimensions in mm			
		A	C ± 0,1	D	E
9	4	10,96	25,0	30,4	2,74
15	7	19,16	33,3	38,8	2,74
25	12	33,12	47,04	52,7	2,76

Item	Number of contacts	Ordering code	DU	Price each			
				Pcs	DU+	100+	500+
Connector							
Pin	9	V42254-A2216-C209	70				
Female	9	V42254-A2216-B209	70				
Pin	15	V42254-A2216-C215	70				
Female	15	V42254-A2216-B215	70				
Pin	25	V42254-A2216-C225	60				
Female	25	V42254-A2216-B225	60				

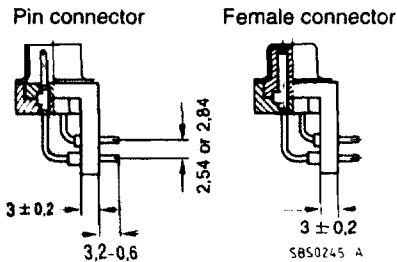
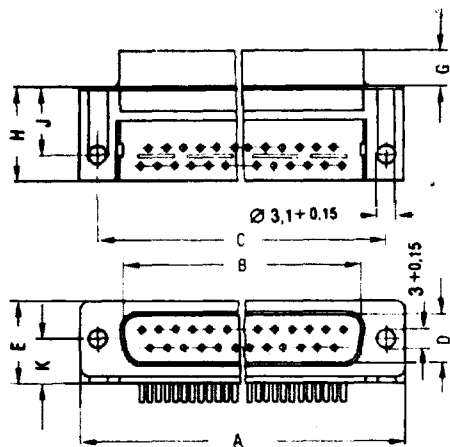
Connectors Sub-D with Soldering Terminals

Pin and female connectors (angle connectors)

9, 15, 25, 37 and 50 contacts

Solder pins angled at 90°, for printed circuits

Pin connectors with screen braiding



Number of contacts	Connector	Dimensions in mm								
		A	B	C	D	E	G	H	J	K
	Pin	-0.76	-0.25	-0.25	+0.25	max.	-0.3	max.	± 0.2	± 0.2
	Female	-0.76	-0.25	-0.25	-0.25	max.	-0.25	max.	± 0.2	± 0.2
9	Pin	31.19	16.79	25.12	8.23	13.9	6.12	16	11.7	7.3
9	Female	31.19	16.46	25.12	8.02	13.9	6.3	16	11.7	7.3
15	Pin	39.52	25.12	33.45	8.23	13.9	6.12	16	11.7	7.3
15	Female	39.52	24.79	33.45	8.02	13.9	6.3	16	11.7	7.3
25	Pin	53.42	38.84	47.17	8.23	13.9	5.99	16	11.7	7.3
25	Female	53.42	38.5	47.17	8.02	13.9	6.3	16	11.7	7.3
37	Pin	69.7	55.3	63.63	8.23	13.9	5.99	16	11.7	7.3
37	Female	69.7	54.96	63.63	8.02	13.9	6.3	16	11.7	7.3
50 ¹⁾	Pin	67.31	52.68	61.24	10.95	16.75	5.99	18.6	13.1	8.7
50 ¹⁾	Female	67.31	52.68	61.24	10.87	16.75	6.3	18.6	13.1	8.7

1) 3-row dielectric

Connectors Sub-D with Soldering Terminals

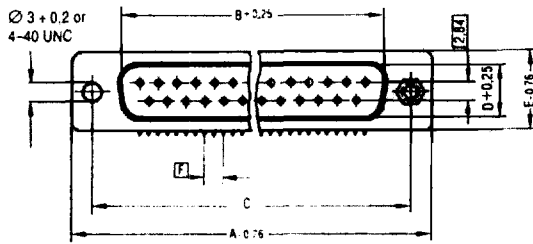
Item Connector	Number of contacts	Ordering code	DU	Price each			
			Pcs	DU+	100-	500+	2000+
With solder pins (2,76 mm × 2,54 mm center spacing)							
Pin	9	V42254-A3226-C209	56				
Female	9	V42254-A3226-B209	56				
Pin	15	V42254-A3226-C215	56				
Female	15	V42254-A3226-B215	56				
Pin	25	V42254-A3226-C225	40				
Female	25	V42254-A3226-B225	40				
Pin	37	V42254-A3226-C237	40				
Female	37	V42254-A3226-B237	40				
Pin	50	V42254-A3226-C250	35				
Female	50	V42254-A3226-B250	35				

Connectors Sub-D with Soldering Terminals

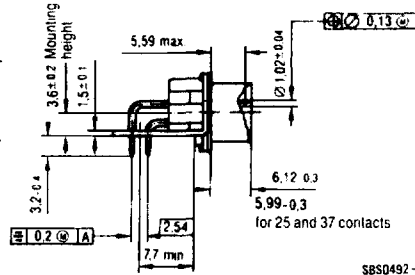
Pin and female connectors (angle connectors)

With metal bracket, mounting height 3,6 mm
 9, 15, 25 and 37 contacts
 Solder pins angled at 90° for printed circuits
 With $\varnothing 3$ mm holes or with 4-40 UNC thread and mounting clips
 Pin connector with screen braiding

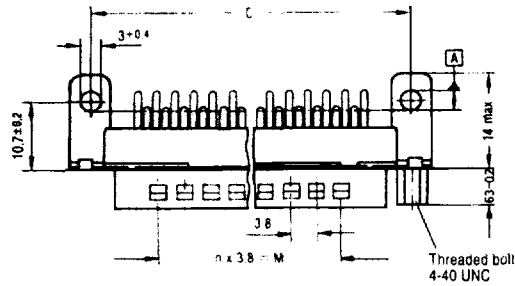
The metal bracket ensures optimum grounding



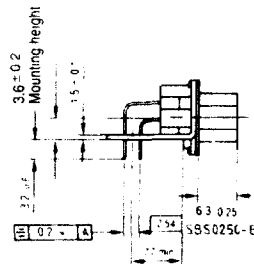
Pin connector



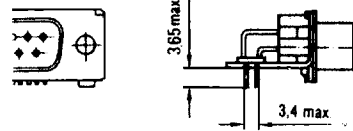
SBS0492-Y



Female connector



Version with
mounting clips



SBS0493-7

Number of contacts	Connector	Dimensions in mm							
		A	B	C	D	E	F	M	n
9	Pin	31.19	16.79	25.0 + 0.12/- 0.13	8.23	12.93	2.74	7.6	2
9	Female	31.19	16.46	25.0 + 0.12/- 0.13	8.02	12.93	2.74	-	-
15	Pin	39.52	25.12	33.3 + 0.15/- 0.1	8.23	12.93	2.74	15.2	4
15	Female	39.52	24.79	33.3 + 0.15/- 0.1	8.02	12.93	2.74	-	-
25	Pin	53.42	38.84	47.04 + 0.13/- 0.13	8.23	12.93	2.76	26.6	7
25	Female	53.42	38.5	47.04 + 0.13/- 0.13	8.02	12.93	2.76	-	-
37	Pin	69.7	55.3	63.5 + 0.13/- 0.13	8.23	12.93	2.76	41.8	11
37	Female	69.7	54.96	63.5 + 0.13/- 0.13	8.02	12.93	2.76	-	-

Connectors Sub-D with Soldering Terminals

Item Connector	Number of contacts	Ordering code	DU	Price each			
			Pcs	DU+	100+	500+	2000+
With solder pins (2,76 mm × 2,54 mm center spacing); Ø 3 mm holes							
Pin	9	V23529-B1121-C209	100				
Female	9	V23529-B1121-B209	100				
Pin	15	V23529-B1121-C215	100				
Female	15	V23529-B1121-B215	100				
Pin	25	V23529-B1121-C225	50				
Female	25	V23529-B1121-B225	50				
Pin	37	V23529-B1121-C237	50				
Female	37	V23529-B1121-B237	50				
With solder pins (2,76 mm × 2,54 mm center spacing); with 4-40 UNC thread and mounting clip							
Pin	9	V23529-B1223-C209	100				
Pin	15	V23529-B1223-C215	100				
Female	15	V23529-B1223-B215	100				
Pin	25	V23529-B1223-C225	50				
Female	25	V23529-B1223-B225	50				
Female	37	V23529-B1223-B237	50				

Connectors Sub-D with Solder Terminal

Pin and female connectors (angle connectors)

With metal bracket, mounting height 7,3 mm

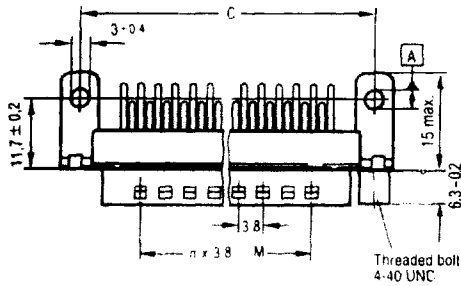
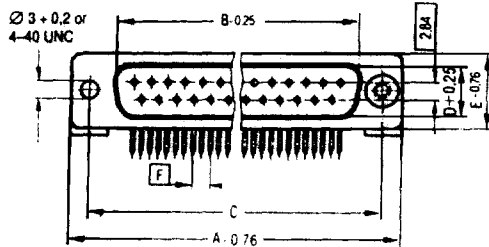
9, 15, 25 and 37 contacts

Solder pins angled at 90°, for printed circuits

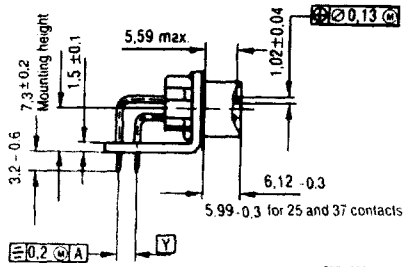
With $\varnothing 3$ mm holes, 4-40 UNC threaded bolt or 4-40 UNC threads and mounting clips

Pin connector with screen braiding

The metal bracket ensures optimum grounding

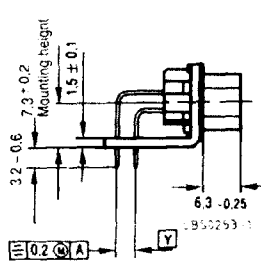


Pin connector



9850494-1

Female connector



For dimensions of pin and female connector refer to page 170

Version with mounting clip



Connectors Sub-D with Solder Terminal

Item Connector	Number of contacts	Ordering code	DU	Price each			
			Pcs	DU+	100+	500+	2000+
With solder pins (2,76 mm × 2,84 mm center spacing); Ø 3 mm holes							
Pin	9	V23529-A1111-C209	100				
Female	9	V23529-A1111-B209	100				
Pin	15	V23529-A1111-C215	100				
Female	15	V23529-A1111-B215	100				
Pin	25	V23529-A1111-C225	50				
Female	25	V23529-A1111-B225	50				
Pin	37	V23529-A1111-C237	50				
Female	37	V23529-A1111-B237	50				
With solder pins (2,76 mm × 2,84 mm center spacing); 4-40 UNC threaded bolt							
Pin	9	V23529-A1115-C209	100				
Female	9	V23529-A1115-B209	100				
Pin	15	V23529-A1115-C215	100				
Female	15	V23529-A1115-B215	100				
Pin	25	V23529-A1115-C225	50				
Female	25	V23529-A1115-B225	50				
Pin	37	V23529-A1115-C237	50				
Female	37	V23529-A1115-B237	50				
With solder pins (2,76 mm × 2,54 mm center spacing); 4-40 UNC thread and mounting clip							
Pin	9	V23529-A1223-C209	100				
Female	9	V23529-A1223-B209	100				
Pin	15	V23529-A1223-C215	100				
Female	15	V23529-A1223-B215	100				
Pin	25	V23529-A1223-C225	50				
Female	25	V23529-A1223-B225	50				
Pin	37	V23529-A1223-C237	50				
Female	37	V23529-A1223-B237	50				