

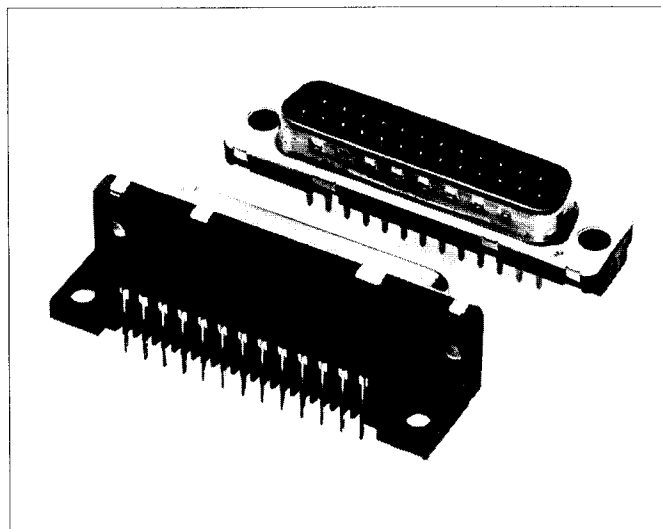
UL Recognized File E 118235 (R)

The DELTA D series has been developed to meet the current requirements of industry (industrial electronics, computers, medical equipment, private exchanges...). Its development integrates today's demand for ever-increasing rationalization (automation, robots for automatic placement...).

It has been designed and industrialized with the help of the most recent technologies: CAD, 100 % automatic assembly, in-process quality control, etc...

The DELTA D series has angled and straight terminations of different lengths and is available in the most popular arrangements (9, 15, 25 and 37 male/female contacts). It meets european standards (HE 5 and DIN 41652) and US MIL C 24308 (dimensionally).

Various options can be selected: threaded inserts, female jack screws, harpoons, grounding device...



Ordering information

Series _____ **D** **25** **P** **13 A** **4** **GV** **00**

Number of contacts

09, 15, 25, 37

Contacts

P : Pin

S : Socket

Terminations

Code	Type	Foot print	Length of termination	PCB thickness
13 A	Right angled – Europe standard	10,4 / 2,54 mm	2,90	1,6
13 B	Right angled – Europe standard	10,4 / 2,54 mm	3,70	2,4 and 1,6
23 A	Right angled – Europe standard	10,4 / 2,84 mm	2,90	1,6
23 B	Right angled – Europe standard	10,4 / 2,84 mm	3,70	2,4 and 1,6
33 E	Right angled – US standard	8,08 / 2,84 mm	3,18	1,6
24 A	Straight version		2,90	1,6
24 B	Straight version		3,70	2,4

For wire wrap consult factory

Plating

4 : Standard class (≥ 200 mating / unmating)

6 : High performances class ($500 \geq$ mating / unmating)

Mounting options (see cover page 51 bis)

Right angled	Right angled	
PA	PA	Standard hole
PL	PL	Threaded insert (M3)
PX	PX	Threaded insert (UNC 4-40)
PV	PV	Female screw (UNC 4-40)
GL	GL	Harpoons + insert M3 + elec. continuity
GX	GX	Harpoons + insert UNC 4-40 + elec. continuity
GV	GV	Harpoons + Female screw (UNC 4-40) + elec. continuity
UL	-	Insert M3 + elec. continuity
UX	-	Insert UNC 4-40 + elec. continuity
UV	-	Female screw UNC 4-40 + elec. continuity

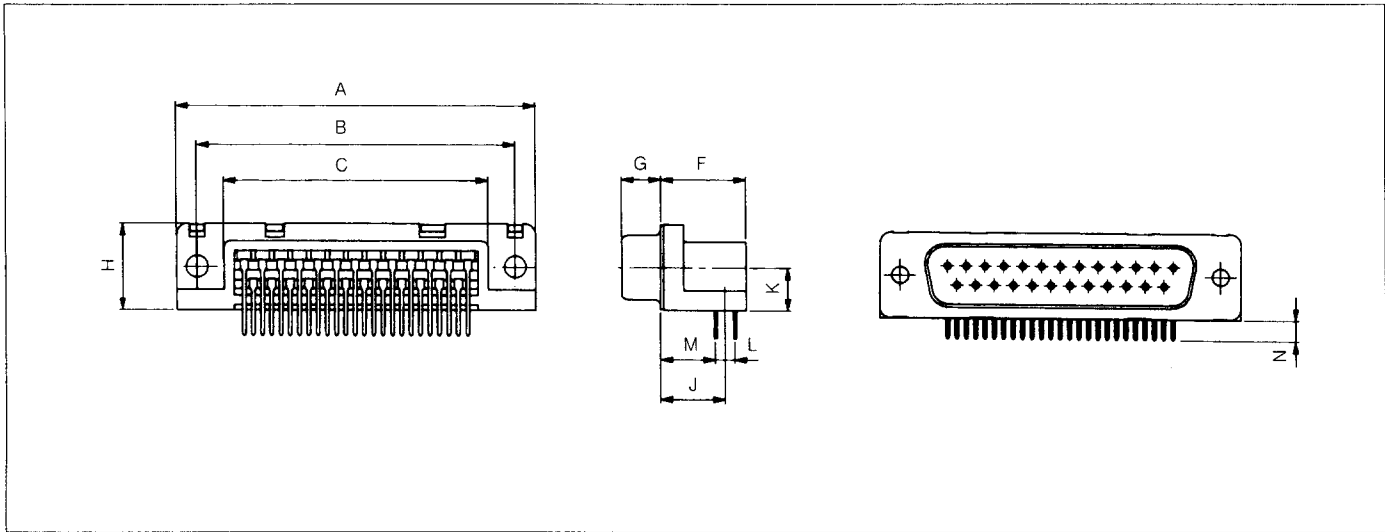
Other options

00 : Standard series (compulsary suffix)

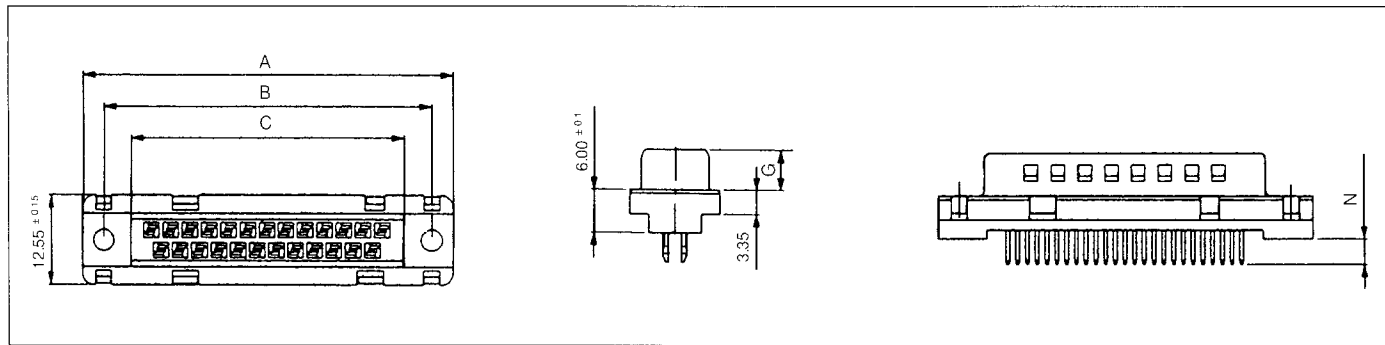
XX : Consult factory

Specific dimensions

Right angled version



Straight version



		A ± 0,38	B ± 0,12	C ± 0,10	F ± 0,10		G ^{+0,25 -0}	H ± 0,38		J ± 0,1			K ± 0,1		L ± 0,1		M ± 0,15		N ± 0,30		
		13. 23.	33.	Termination		Termination			Termination		Termination		Termination		Terminal Length						
				13./23.	33.	13.	23.	33.	13./23.	33.	13.	23./33.	13./23.	33.	13 A 23 A 24 A	13 B 23 B 24 B	33 E				
9	P	30,81	24,99	16,96	14,65	12,60	5,20 ^{+0,15 -0}	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
	S	30,81	24,99	16,96	14,65	12,60	6,05	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
15	P	39,14	33,32	25,18	14,65	12,60	5,20 ^{+0,15 -0}	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
	S	39,14	33,32	25,18	14,65	12,60	6,05	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
25	P	53,03	47,04	39,12	14,65	12,60	5,70	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
	S	53,03	47,04	39,12	14,65	12,60	6,05	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
37	P	69,32	63,50	55,68	14,65	12,60	5,70	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18
	S	69,32	63,50	55,68	14,65	12,60	6,05	13,48	12,58	11,67	11,82	9,50	7,20	6,30	2,54	2,84	10,40	8,08	2,90	3,70	3,18