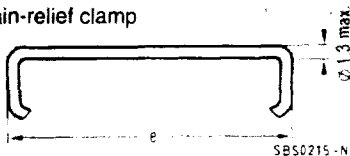


Insulation-Displacement Connectors for Ribbon Cables BK-LEV 413

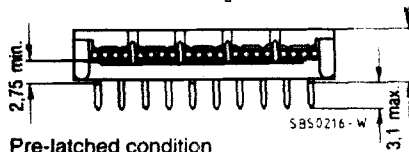
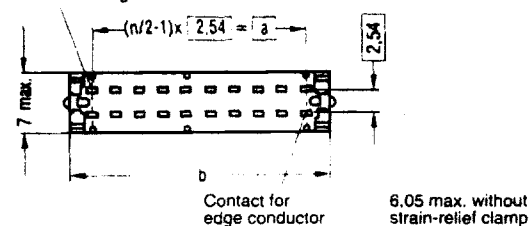
PCB-connector BK-LEV 413

6, 10, 14, 16, 20, 26, 32, 34, 40, 50, 60 and 64 contacts
For printed circuits, 2.54 mm center spacing
Can be used as center or terminal connector

Strain-relief clamp

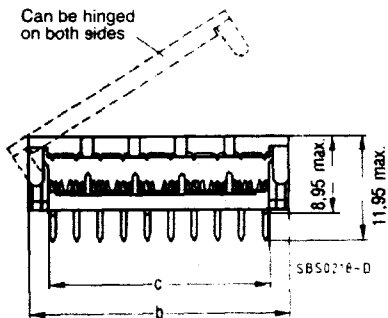


Contact for edge conductor



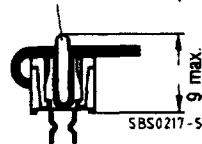
Pre-latched condition

Can be hinged on both sides



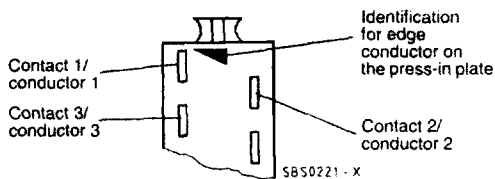
Number of contacts = n	Dimensions in mm			
	a	b max.	c min.	e max.
6	5,08	11,92	7,22	13,0
10	10,16	17,00	12,30	18,1
14	15,24	22,08	17,38	23,2
16	17,78	24,64	19,92	25,7
20	22,86	29,70	25,00	30,8
26	30,48	37,32	32,62	38,4
32	38,10	44,94	40,24	46,0
34	40,64	47,48	42,78	48,6
40	48,26	55,10	50,40	56,2
50	60,98	67,80	63,10	68,9
60	73,66	80,50	75,80	81,6
64	78,74	85,58	80,88	86,7

With strain-relief clamp



Assignment information

(View onto insulation-displacement terminal contacts)



Version

- Suitable for cable cross-sections in acc. with DIN/VDE 0811: stranded wire 0,09 mm² (AWG 28/7) and 0,14 mm² (AWG 26/7). Solid wire 0,25 mm Ø (AWG 30/1) and 0,32 mm Ø (AWG 28/1) center spacing: 1,27 mm; insulation thickness: max. 1,1 mm
- Dielectric: pre-latching of press-in plate and body
- Integrated strain relief (patented)
- Additional strain relief by clamp
- Kinked solder pins
- Processing with automatic connector feed possible

Insulation-Displacement Connectors for Ribbon Cables BK-LEV 413

Technical data

Dielectric	thermoplastic material, glass-fiber reinforced
Contact material	copper alloy
Contact surface	insulation-displacement terminal: tin on nickel; solder pin: tin on nickel

Current rating per contact at 20°C/70°C/100°C	2 A/1 A/0,5 A
Test voltage	0,5 kV
Insulation resistance	≥ 10 ⁵ MΩ
Flammability	complying with UL 94 V-0
Temperature range	- 55°C ... + 125°C
Approvals	UL E 92320 VOL 1 SEC3

For the assembly of the connectors with ribbon cables tools are available for single-item production as well as for quantity production. Please contact your nearest Siemens Sales Office, Dept. Electromechanical Components.

Number of contacts	Ordering code	DU Pcs	Price each			
			DU+	500+	2000+	
PCB connector						
6	V23535-B1780-C60	100				
10	V23535-B1780-C100	100				
14	V23535-B1780-C140	100				
16	V23535-B1780-C160	100				
20	V23535-B1780-C200	100				
26	V23535-B1780-C260	100				
32	V23535-B1780-C320	100				
34	V23535-B1780-C340	100				
40	V23535-B1780-C400	100				
50	V23535-B1780-C500	100				
60	V23535-B1780-C600	100				
64	V23535-B1780-C640	100				
Strain-relief clamp						
6	C42334-A386-C59	100				
10	C42334-A386-C61	100				
14	C42334-A386-C63	100				
16	C42334-A386-C64	100				
20	C42334-A386-C66	100				
26	C42334-A386-C69	100				
32	C42334-A386-C72	100				
34	C42334-A386-C73	100				
40	C42334-A386-C76	100				
50	C42334-A386-C81	100				
60	C42334-A386-C86	100				
64	C42334-A386-C88	100				