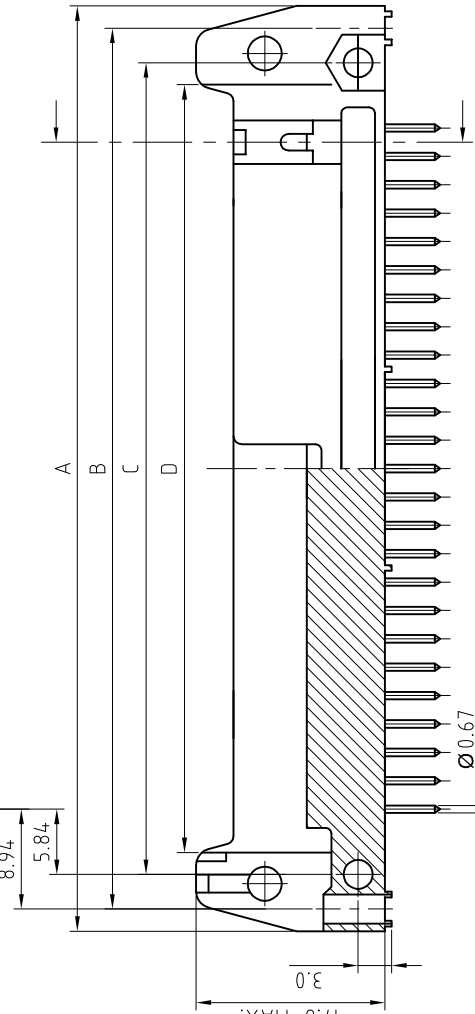
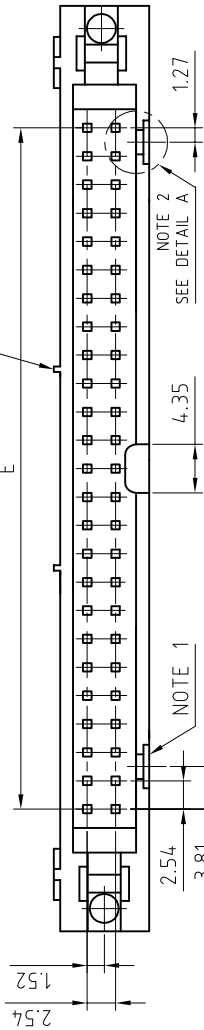


B REF. (CODE 14/24)

C REF. (CODE 13/23)

PCB DRILLING DETAILS

SERIES	8613	010	2	1	14	3	4	5	E1LF
No. OF CONTACTS	010,014,016,020,026,030,034,040,050,060,064								
TYPE OF INSULATOR	010,014,016,020,026,030,034,040,050,060,064								
HEADER WITH CENTRAL POLARISATION FOR ALL POSITIONS	2								
HEADER 10 POSITION WITH CENTRAL POLARISATION & INSIDE PROJECTION	8								
METHOD OF MOUNTING	WITHOUT LEVERS								
WITH LONG BLACK LEVERS	0								
WITH SHORT BLACK LEVERS	1								
WITH LONG GREY LEVERS	2								
WITH SHORT GREY LEVERS	3								
TERMINATION STYLE	4								
STRAIGHT SPILL LONG (L = 4.35±0.35mm)	14								
STRAIGHT SPILL SHORT (L = 2.9±0.2mm)	24								
ANGLED SPILL LONG (L = 4.25±0.35mm)	13								
ANGLED SPILL SHORT (L = 2.8±0.2mm)	23								
HOUSING MATERIAL	PBT GREY								
PERFORMANCE CLASS	DIN 41651 CLASS 3								
DIN 41651 CLASS 2	4								
DIN 41651 CLASS 1	5								
AS PER JSS 50810	6								
LONGITUDINAL PITCH	2.54 mm								
5.08 mm	8								
SPECIAL CODE	LEAD FREE VERSION								
LEAD FREE VERSION	E1LF								

TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0; GREY

HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C

FOR STRAIGHT CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

FOR ANGLE CONNECTORS, PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE IS TO BE USED

AS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT MATERIAL : COPPER ALLOY

CONTACT PLATING

ACTIVE ZONE : Au OR EQUIVALENT Au OVER PALLADIUM NICKEL OVER Ni

TERMINATION ZONE : Sn (PURE MATTE) OVER Ni

CURRENT RATING : 1.5A AT 20°C

INSULATION RESISTANCE : ≥ 5000MΩ AT 100V

CONTACT RESISTANCE : ≤ 20mΩ

DIELECTRIC WITHSTANDING VOLTAGE : 1000Vrms

OPERATING TEMPERATURE : -55°C TO +125°C

REFERENCE SPECIFICATION : IEC 603-13 / DIN 41651

NOTES

1. LEFT POLARISATION IS NOT PROVIDED FOR 10 & 14 POSITIONS.
2. RIGHT POLARISATION IS NOT PROVIDED FOR 10 POSITION, INSTEAD PROJECTION AS SHOWN IN DETAIL-A WILL BE PROVIDED.
3. INTERMEDIATE LEGS ARE PROVIDED ONLY ABOVE 20 POSITION.
4. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD.
6. LEAD FREE OR ROHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920

DIMENSION	LOCKING LEVER	
	SHORT	LONG
X Max.	25.30	28.0
Y Max.	11.30	15.0
Z	9.0	10.5

POS.	DIMENSION				
	A ^{+0.25} _{A-0}	B±0.1	C±0.1	D ^{+0.13} _{D-0}	E±0.05
10	32.00	27.94	21.84	17.91	10.16
14	37.08	33.02	26.92	22.99	15.24
16	39.62	35.56	29.46	25.53	17.78
20	44.70	40.64	34.54	30.61	22.86
26	52.32	48.26	42.16	38.23	30.48
30	57.40	53.34	47.24	43.31	35.56
34	62.48	58.42	52.32	48.39	40.64
40	70.10	66.04	59.94	56.01	48.26
50	82.80	78.74	72.64	68.71	60.96
60	95.50	91.44	85.34	81.41	73.66
64	100.58	96.52	90.42	86.49	78.74

Mouser Electronics

Authorized Distributor

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