



SERIES	8613	010	2	1	14	3	4	5	E1LF
No. OF CONTACTS	010,014,016,020,024,026,030,034,040,050,060,064								
TYPE OF INSULATOR	HEADER WITH CENTRAL POLARISATION FOR ALL POSITIONS ----- 2 HEADER 10 POSITION WITH CENTRAL POLARISATION & INSIDE PROJECTION ----- 8								
METHOD OF MOUNTING	WITHOUT LEVERS ----- 0 WITH LONG BLACK LEVERS ----- 1 WITH SHORT BLACK LEVERS ----- 2 WITH LONG GREY LEVERS ----- 3 WITH SHORT GREY LEVERS ----- 4								
TERMINATION STYLE	STRAIGHT SPILL LONG (L = 4.35±0.35mm) ----- 14 STRAIGHT SPILL SHORT (L = 2.9±0.2mm) ----- 24 ANGLED SPILL LONG (L = 4.2±0.35mm) ----- 13 ANGLED SPILL SHORT (L = 2.8±0.2mm) ----- 23								
HOUSING MATERIAL	PBT GREY ----- 3 PBT BLACK ----- 2								
PERFORMANCE CLASS	DIN 41651 CLASS 3 ----- 4 DIN 41651 CLASS 2 ----- 5 DIN 41651 CLASS 1 ----- 6 AS PER JSS 50810 ----- 8								
LONGITUDINAL PITCH	2.54 mm ----- 5 5.08 mm ----- 8								
SPECIAL CODE	LEAD FREE VERSION ----- E1LF								

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} _{-0.16}	B ^{+0.10} _{-0.18}	C±0.1	D ^{+0.13} ₋₀	E ^{+0.05} _{-0.27}
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
24	49.78	45.72	39.62	35.69	27.94
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

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V0; GREY / BLACK ON REQUEST
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
WORKING VOLTAGE	:	250Vrms
OPERATING TEMPERATURE	:	-55°C TO +125°C
REFERENCE SPECIFICATION	:	IEC 603-13 / DIN 41651

NOTES

- LEFT POLARISATION IS NOT PROVIDED FOR 10 & 14 POSITIONS.
- RIGHT POLARISATION IS NOT PROVIDED FOR 10 POSITION, INSTEAD PROJECTION AS SHOWN IN DETAIL-A WILL BE PROVIDED.
- INTERMEDIATE LEGS ARE PROVIDED ONLY ABOVE 20 POSITION.
- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 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.
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920

mat'l. code	SEE TECH. SPEC.	surface	ISO 1302	tolerance	ISO 406 ISO 1101	projection	product family	8613
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title	HEADERS
B	106-0066	MINI	2006-06-01	angles	linear	0.2:1	STRAIGHT & ANGLED SPILL, TMT VERSION	
C	107-0132	KR	2007-10-05					
D	108-0094	KR	2008-7-28	0°±1°		scale 3:2	dwg no	sheet 1 of 1
E	108-0145	JS	2008-10-18	dr	MINI K V			size
F	111-0193	GT	2011-12-20	enrg	RAKHEE GEORGE	2001-12-18		A3
G	BLX-14380	MJM	2013-03-08	chr	GREGAR MATHEW	2016-03-31		
H	BLX-12381	GM	2016-03-31	app	BIJU K PAUL	2016-03-31	type	Product Customer Drawing
sheet index	revision	G1.1						
	sheet	1						

FCconnect.com
 Copyright FCI

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[86130202323355E1LF](#) [86130262323345E1LF](#) [86130202214345E1LF](#) [86130102114345E1LF](#)
[86130108114345E1LF](#) [86130202114345E1LF](#) [86130202314345E1LF](#) [86130262114345E1LF](#) [86130402114345E1LF](#)
[86130502114345E1LF](#) [86130202123345E1LF](#) [86130102113345E1LF](#) [86130342114345E1LF](#)
[86130102324345E1LF](#) [86130642324345E1LF](#) [86130342114385E1LF](#) [86130602114345E1LF](#) [86130162323345E1LF](#)
[86130502324355E1LF](#) [86130402323385E1LF](#) [86130342323345E1LF](#) [86130202324355E1LF](#)
[86130262113345E1LF](#) [86130142113345E1LF](#) [86130162324345E1LF](#) [86130162113345E1LF](#) [86130102323345E1LF](#)
[86130642114345E1LF](#) [86130502113345E1LF](#) [86130302113345E1LF](#) [86130342314385E1LF](#)
[86130502214345E1LF](#) [86130502313355E1LF](#) [86130162113365E1LF](#) [86130502323345E1LF](#) [86130402423365E1LF](#)
[86130262323385E1LF](#) [86130342324355E1LF](#) [86130642113345E1LF](#) [86130302424345E1LF](#)
[86130262113385E1LF](#) [86130102214345E1LF](#) [86130502123355E1LF](#) [86130342124345E1LF](#) [86130402114355LF](#)
[86130202124345E1LF](#) [86130202323385E1LF](#) [86130602214345E1LF](#) [86130202123355E1LF](#) [86130142323385E1LF](#)
[86130302114345E1LF](#) [86130342323385E1LF](#) [86130102123355E1LF](#) [86130202113345E1LF](#)
[86130302314385E1LF](#) [86130502123345E1LF](#) [86130162114365E1LF](#) [86130602113345E1LF](#) [86130402123355E1LF](#)
[86130402113385E1LF](#) [86130502113385E1LF](#) [86130602114385E1LF](#) [86130102113385E1LF](#)
[86130162124345E1LF](#) [86130402113345E1LF](#) [86130402324385E1LF](#) [86130142124355E1LF](#) [86130102324385E1LF](#)
[86130262114385E1LF](#) [86130262123345E1LF](#) [86130302313385E1LF](#) [86130162114385E1LF](#)
[86130142123345E1LF](#) [86130102323385E1LF](#) [86130142113385E1LF](#) [86130162324385E1LF](#) [86130262324355E1LF](#)
[86130262314385E1LF](#) [86130342324385E1LF](#) [86130402124345E1LF](#) [86130502323385E1LF](#)
[86130262124345E1LF](#) [86130142114385E1LF](#) [86130642114385E1LF](#) [86130342123355E1LF](#) [86130102323355E1LF](#)
[86130142114365E1LF](#) [86130102114385E1LF](#) [86130202113385E1LF](#) [86130162114345E1LF](#)
[86130202114385E1LF](#) [86130342113345E1LF](#) [86130342113385E1LF](#) [86130402213385E1LF](#) [86130502324385E1LF](#)