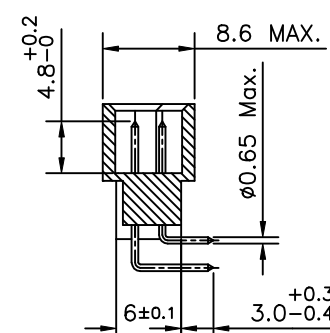


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C



HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0, GREY

HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE FOR RIGHT ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT MATERIAL	:	COPPER ALLOY
CONTACT ACTIVE ZONE PLATING	:	GOLD OVER NICKEL
CONTACT TERMINATION ZONE		
TIN LEAD VERSION	:	TIN LEAD OVER NICKEL
LEAD FREE VERSION	:	TIN (PURE MATTE) OVER NI

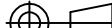
CURRENT RATING AT 20°C	:	1.5 A
CURRENT (I MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C/+125°C
CONTACT RESISTANCE	:	≤ 20mΩ
INSULATION RESISTANCE	:	≥ 10 ⁶ MΩ
TEST VOLTAGE (rms)	:	1000V

INSERTION FORCE PER CONTACT : $\leq 0.94\text{N}$
EXTRACTION FORCE PER CONTACT : $\geq 0.15\text{N}$
REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	2	64	5	1	13	7	5	5	000E
ROWS FITTED WITH CONTACTS										
Rows a	- - - - -	1	32							
Rows a b	- - - - -	2	64							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW MALE INSULATOR - - - - - 5										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B - - - - - 1										
TERMINATION										
ANGLED SPILL - - - - - 13										
OPTIONS										
NO OPTION - - - - - 7										
PERFORMANCE CLASS										
DIN 41612 CLASS 3 - - - - - 4										
DIN 41612 CLASS 2 - - - - - 5										
DIN 41612 CLASS 1 - - - - - 6										
AS PER MIL C 55302/ JSS 50808 - - - - - 8										
PITCH PER ROW										
2.54 - - - - - 5										
000E - - - - - TIN LEAD VERSION										
ELF - - - - - LEAD FREE VERSION										

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. 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
3. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

ltr	Ecñ no	Dr	date
b	I05-0089	MINI	19/05/2005
a	I04-0063	MINI	17/09/2004

				✓		Tolerance LINEAR ±0.1 ANGULAR ±1°		Projection 		MM 	
Dr	Mini K Vandanath		17/09/2004		Product Family 8609				Size A3	Scale _____	
Eng	Rakhee George		17/09/2004		Spec ref						
Chr	Rakhee George		19/05/2005		Material SEE TECH. SPEC.				ECN		
Appr	K Somasundaram		19/05/2005								
		Title DIN STANDARD HEADER (ANGLED SPILL DIN41612 STYLE-B)				Dwg no C-8609-2008				Rev b	
D/ENG/EURO/8609		Catalog no		8609---5113---XXXX		CUSTOMER COPY				Sheet 1 of 1	