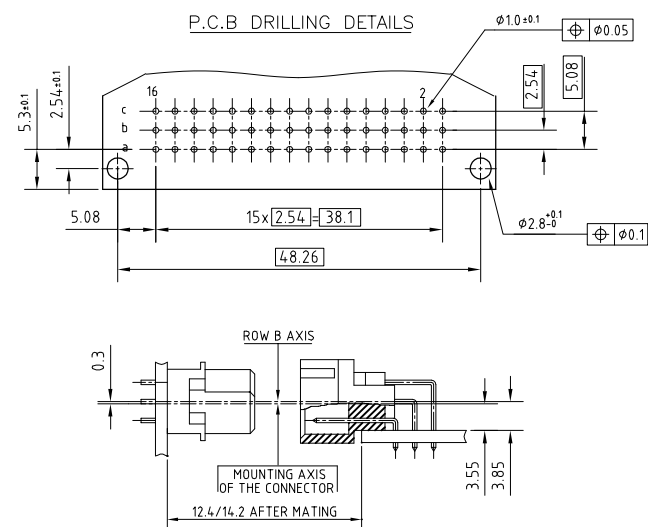




NOTES:

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 35 SECONDS IN A WAVE SOLDER APPLICATION WITH A 16 MM MINIMUM THICK CIRCUIT BOARD.
3. LEAD FREE OR ROHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

TECHNICAL SPECIFICATION

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 ANGLE CONNECTORS		
AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.		
CONTACT & HARPOON MATERIAL	:	COPPER ALLOY
CONTACT ACTIVE ZONE PLATING	:	Au OVER Ni (or) Au+Pd-Ni OVER N
CONTACT TERMINATION ZONE PLATING	:	Sn (PURE MATT) OVER Ni
HARPOON PLATING	:	Sn (PURE MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	15 A
CURRENT (I MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C TO +125°C
CONTACT RESISTANCE	:	≤ 20 mΩ
INSULATION RESISTANCE	:	≥ 10 ⁹ MΩ
TEST VOLTAGE (rms)	:	1000 V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	:	≤ 0.94 N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15 N
REFERENCE SPECIFICATION	:	DIN 41612 (or) IEC 603-2

SERIES	8609	4	16	7	3	13	7	8	8	EL
ROWS FITTED WITH CONTACTS										
Rows a - c	4	16								
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR	7									
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2	3									
TERMINATION										
ANGLED SPILL	13									
OPTIONS										
NO OPTION	7									
WITH HARPOONS	H									
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										
5.08mm	8									
LEAD FREE VERSION										

mat'l. code -					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 8609										
ltr		ecn		no	dr	date		tolerances unless otherwise specified						title							
A		109-0003			JS	2009-01-03		angles		linear		.0±.1		mm		DIN STANDARD HEADER ANGLED SPILL DIN 41612 STYLE-C/2					
								0°±1°						scale -							
								dr		JOHN SLEEBA		2009-01-03				dwg no		sheet 1 of 1		size	
								engr		KESAVAN R		2009-01-03				C-8609-2162		A3			
								chr		KESAVAN R		2009-01-03									
								appd		KESAVAN R		2009-01-03				type		Product Customer Drawing			
sheet index		revision sheet		A	1																