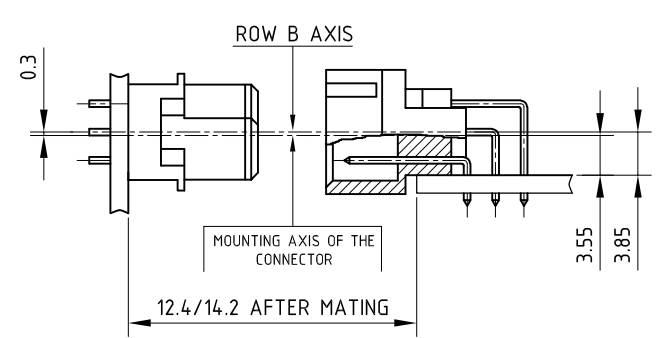
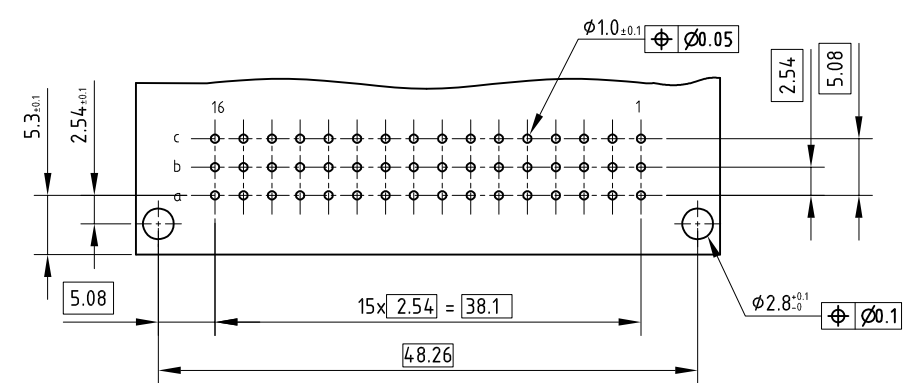


PCB DRILLING DETAILS



NOTES:  
 1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.  
 2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.  
 3. FOR GENERAL CHARACTERISTICS AND RoHS INFORMATION, REFER DRAWING C-8609-0000A.

TECHNICAL SPECIFICATION

HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC POLYESTER (LCP) UL94V-0, NATURAL  
 HOUSING CAN WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRARED OR VAPOUR REFLOW SOLDER APPLICATION

CONTACT / HARPOON MATERIAL : COPPER ALLOY

CONTACT ACTIVE ZONE PLATING : AU/GXT™ OVER NICKEL

CONTACT TERMINATION ZONE/HARPOON PLATING

LEAD FREE VERSION : TIN (PURE MATTE) OVER NI

RAILWAY CLASSIFICATION : I2/F1 acc to NFF 16-101/102  
 R22/R23 to HL3 acc to EN45545-2:2013

ELECTRICAL DATA

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<sup>8</sup> MΩ

TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94N

EXTRACTION FORCE PER CONTACT : > 0.15N

REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2

SERIES	8609	3	48	7	3	13	B	5	5	F1LF
ROWS FITTED WITH CONTACTS										
Rows a b c		3	48							
Rows a - c		4	32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR										7
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										1
TERMINATION										
ANGLED SPILL SHORT (L = 2.6 <sup>+0.3</sup> )										13
ANGLED SPILL LONG (L = 4.0 <sup>+0.3</sup> )										23
OPTIONS										
HIGH TEMPERATURE HOUSING (NATURAL)										B
HIGH TEMPERATURE HOUSING (NATURAL) WITH HARPOONS										T
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
SPECIAL CODE : F1LF										HIGH TEMPERATURE INSULATOR, LEADFREE VERSION

mat'l. code SEE TECH. SPEC.				surface ISO 1302 ✓ ISO 406 ISO 1101		tolerance tolerances unless otherwise specified		projection mm		product family 8609	
ltr				angles		linear		scale 3:2		title DIN STANDARD HEADER ANGLED SPILL DIN 41612 STYLE-C/2 (HIGH TEMPERATURE VERSION)	
A				0°±1°						dwg no sheet 1 of 1 size	
B										C-8609-2364 A3	
C										type Product Customer Drawing	
sheet index		revision sheet		C							
		1									