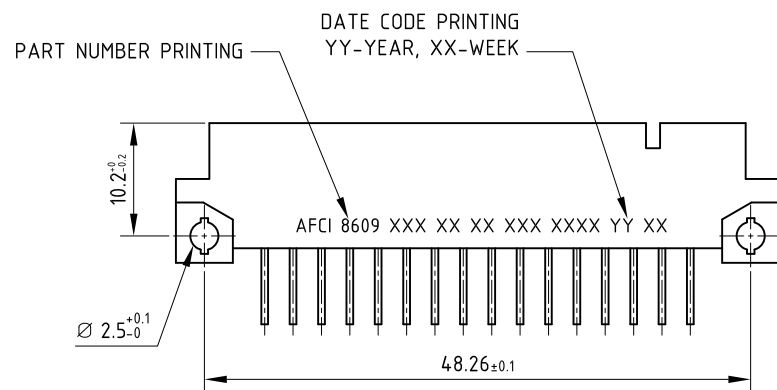
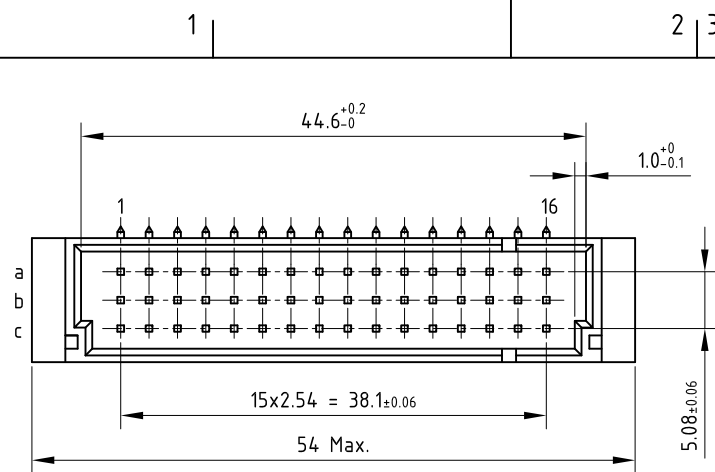
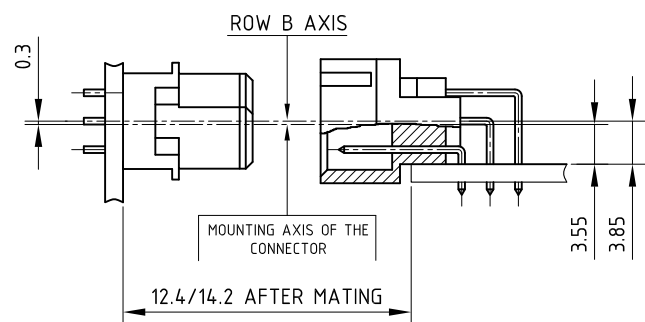
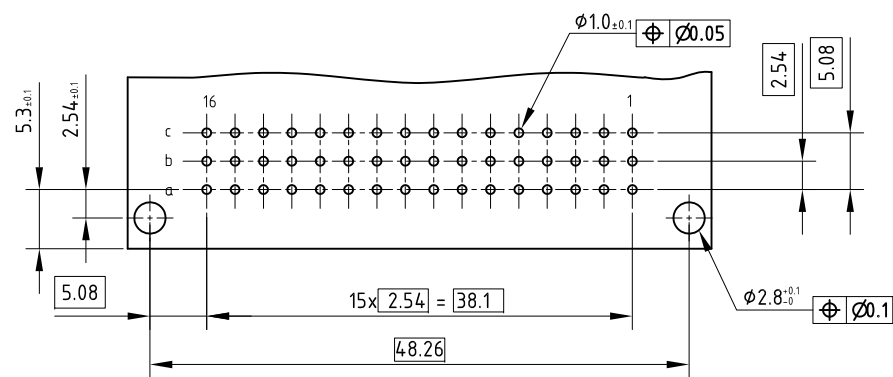




PCB DRILLING DETAILS



NOTES:

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

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	HIGH TEMPERATURE THERMOPLASTIC POLYESTER UL94V-0, NATURAL
HOUSING CAN WITHSTAND EXPOSURE 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRARED OR VAPOUR REFLOW SOLDER APPLICATION.		
CONTACT / HARPOON MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	CONTACT ZONE - Au / GXT TM OVER Ni TERMINATION ZONE - Sn (MATT) OVER Ni
HARPOON PLATING	:	Sn (MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	1.5 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 / 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										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										
TERMINATION										
ANGLED SPILL SHORT (L = 2.6 ^{+0.3/-0})										
ANGLED SPILL LONG (L = 4.0 ^{+0.3/-0})										
OPTIONS										
HIGH TEMPERATURE HOUSING (NATURAL)										
HIGH TEMPERATURE HOUSING (NATURAL) WITH HARPOONS										
PERFORMANCE CLASS										
DIN 41612 CLASS 3										
DIN 41612 CLASS 2										
DIN 41612 CLASS 1										
AS PER MIL C 55302/ JSS 50808										
PITCH PER ROW										
2.54										
SPECIAL CODE : F1LF										

mat'l. code	SEE TECH. SPEC.	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	8609
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
A	-	MJA	2016-11-29	angles	linear	.0±.1	mm	DIN STANDARD HEADER	
B	ELX-I-28738	MJA	2017-12-09	0°±1°			scale 3:2	ANGLED SPILL DIN 41612 STYLE-C/2	
				dr	M JACOB	2016-11-29		(HIGH TEMPERATURE VERSION)	
				enr	M JACOB	2016-11-29		dwg no	sheet 1 of 1
				chr	STALIN ALOSUIUS	2016-11-29		C-8609-2364	A3
				appd	BIJU K PAUL	2016-11-29		type	Product Customer Drawing
sheet index	revision sheet	B	1						