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form: A3

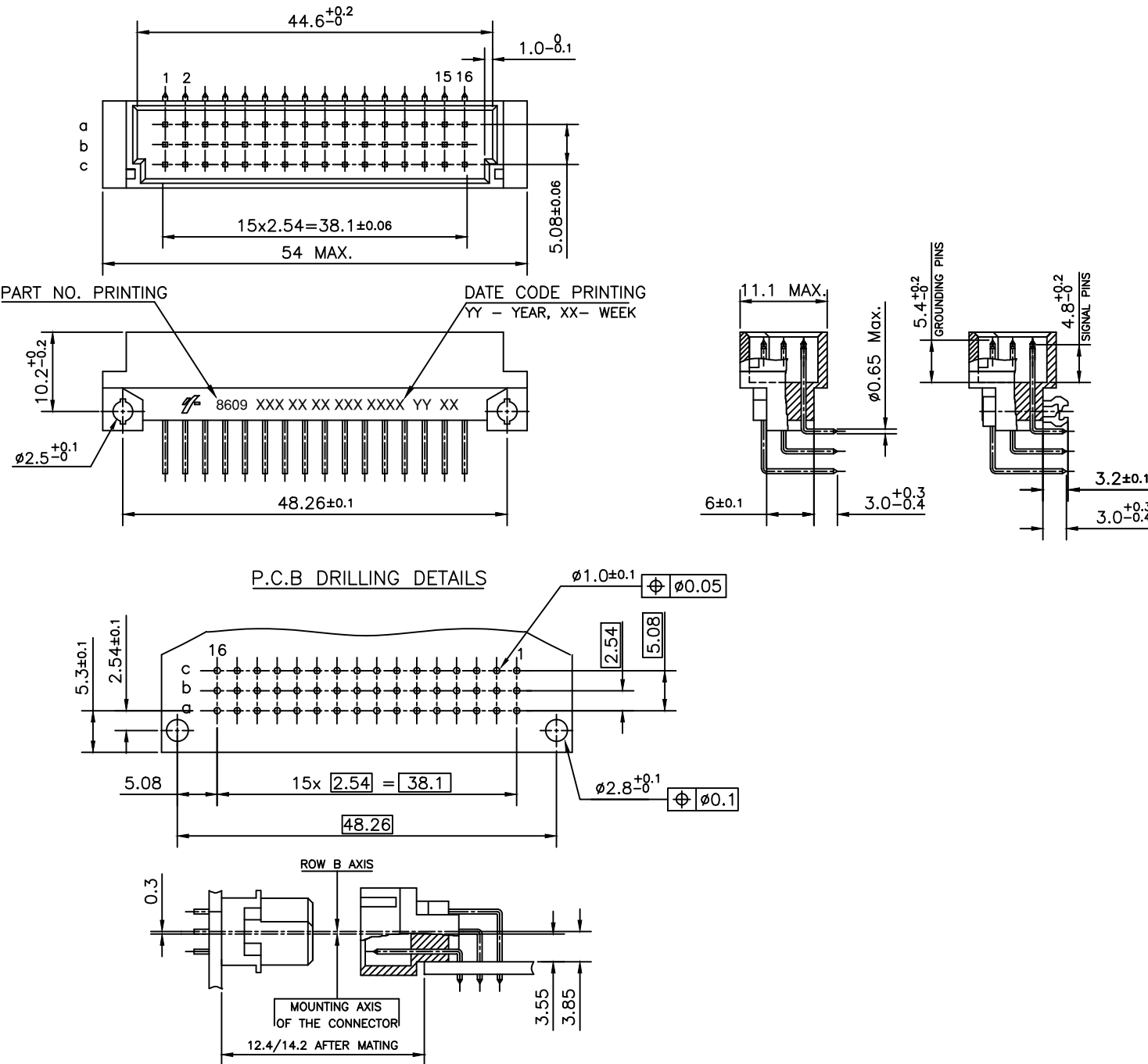
NOTES:-

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 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.

PART NO. PRINTING

DATE CODE PRINTING
YY - YEAR, XX - WEEK

P.C.B DRILLING DETAILS



TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V-0, 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 / HARPOON MATERIAL	:	COPPER ALLOY
CONTACT ACTIVE ZONE PLATING	:	GOLD OVER NICKEL
CONTACT TERMINATION ZONE PLATING	:	TIN (PURE MATTE) OVER NI
HARPOON PLATING	:	TIN (PURE MATTE) OVER NI

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 ⁸ MΩ
TEST VOLTAGE (rms)	:	1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	:	≤ 0.94N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	48	7	3	13	H	5	5	UPLF
ROWS FITTED WITH CONTACTS										
Rows a b c		3	48							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										
TERMINATION										
ANGLED SPILL										
OPTIONS										
NO OPTION										
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 : UPLF										

LEAD FREE VERSION

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	DIN STANDARD HEADER
A	I10-0240	MJA	2010-12-17	angles	linear	±0.1	mm	ANGLED SPILL DIN 41612 STYLE-C/2	
				±1°			scale		
				dr	M JACOB	2010-12-17		dwg no	sheet 1 of 1
				enr	M JACOB	2010-12-17		C-8609-2245	A3
				chr	S ALOSIOUS	2010-12-17			
				appd	BIJU K PAUL	2010-12-17		type	Product Customer Drawing
sheet index	revision sheet	A	1						

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