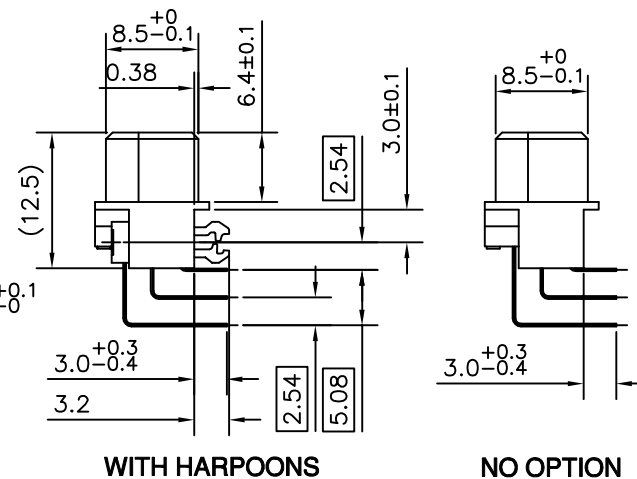
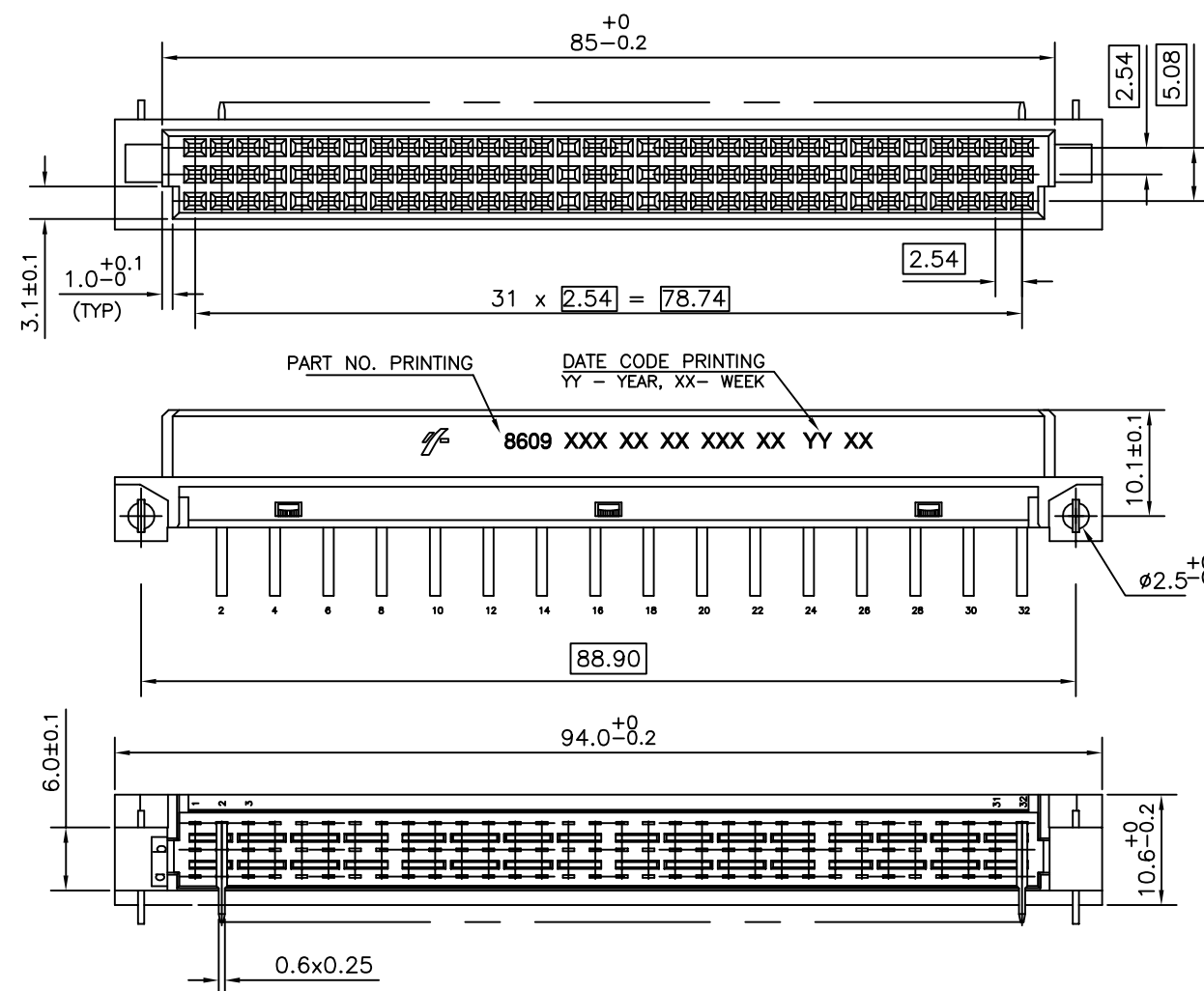




TECHNICAL SPECIFICATION

HOUSING MATERIAL	: THERMOPLASTIC POLYESTER UL 94 V-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
<u>CONTACT PLATING</u>	
ACTIVE ZONE	: GOLD OVER NICKEL
TERMINATION ZONE	
TIN LEAD VERSION	: TIN LEAD OVER NICKEL
LEAD FREE VERSION	: TIN (PURE MATTE) OVER Ni
HARPOON PLATING	
TIN LEAD VERSION	: TIN LEAD OVER NICKEL
LEAD FREE VERSION	: TIN (PURE MATTE) OVER Ni

<u>ELECTRICAL DATA</u>	
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

MECHANICAL DATA

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	3	48	8	8	13	7	5	8	V1
ROWS FITTED WITH CONTACTS									
Rows a-b-c	3	48							
Rows a-c	4	32							
NUMBER OF CONTACTS									
TYPE OF INSULATOR									
3 ROW FEMALE INSULATOR									
METHOD OF MOUNTING									
REVERSE MOUNTING - STYLE R									
TERMINATION									
ANGLED SPILL									
OPTIONS									
WITH HARPOONS									
NO OPTION									
PERFORMANCE CLASS									
4 - DIN 41612 CLASS 3									
5 - DIN 41612 CLASS 2									
6 - DIN 41612 CLASS 1									
8 - AS PER MIL C 55302/JSS 50808									
PITCH PER ROW									
5.08									
V1									
V1LF									
TIN LEAD VERSION									
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 DIN REVERSE RECEPTACLE ANGLED SPILL DIN 41612 STYLE-R					
A		I05—0034		MINI		02/03/2005		angles linear .0±.1									
B		I06—0063		MINI		01/06/2006		angles linear 0°±1°				dwg no sheet 1 of 1 C-8609-2034 size A3					
								dr MINI K VANDANATH 29/09/2004									
								enrg RAKHEE GEORGE 29/09/2004									
								chr RAKHEE GEORGE 01/06/2006									
								appd RAKHEE GEORGE 01/06/2006									
sheet index		revision		B													
		sheet		1													

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.

Mouser Electronics

Authorized Distributor

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[86094328813748V1LF](#) [86093488813748V1LF](#)