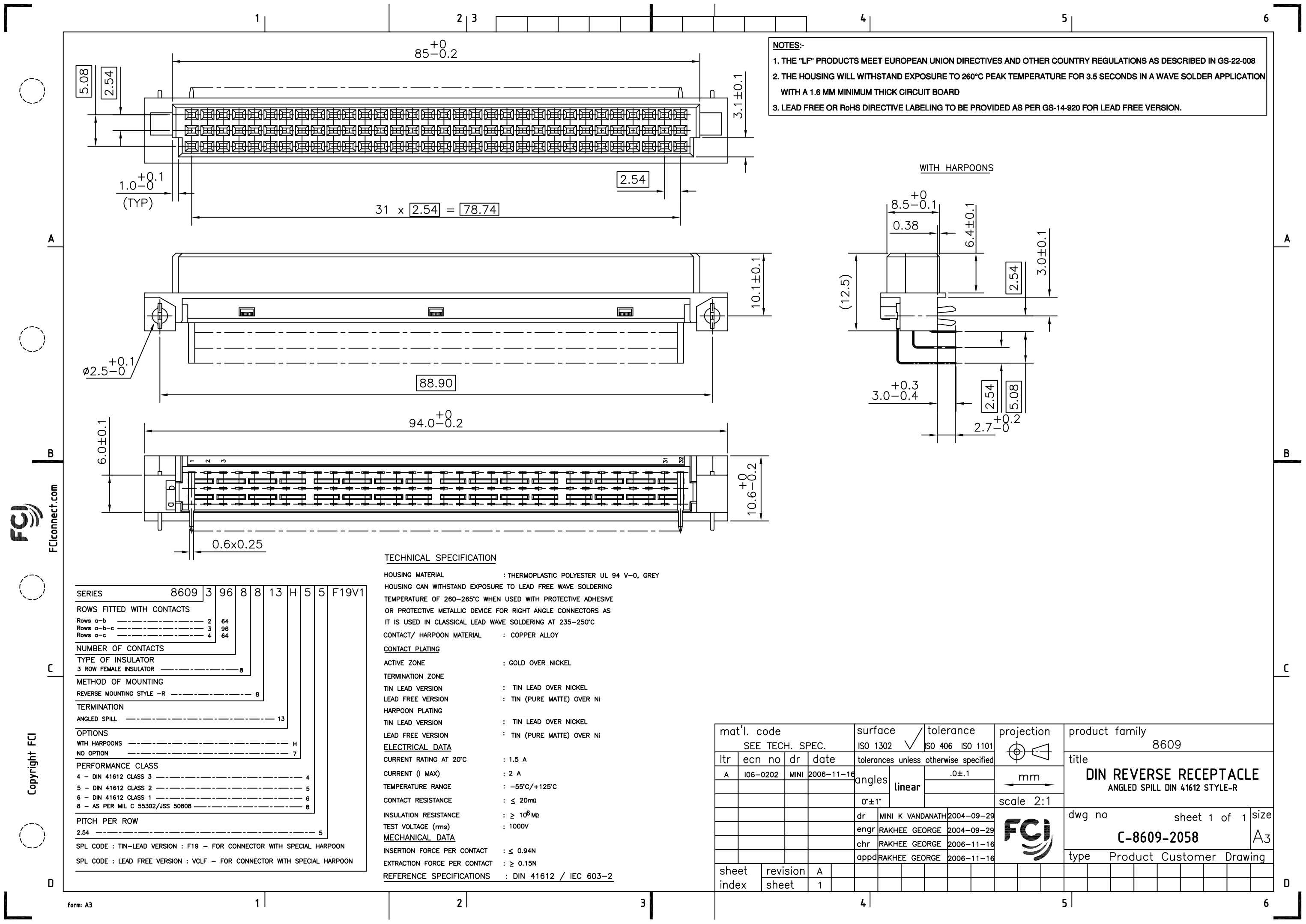




NOTES:-

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.

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

CONTACT PLATING

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

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 : ≥ 10⁹ MΩ

TEST VOLTAGE (rms) : 1000V

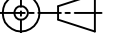
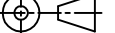
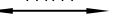
MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94N

EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	96	8	8	13	H	5	5	F19V1
ROWS FITTED WITH CONTACTS										
Rows a-b		2	64							
Rows a-b-c		3	96							
Rows a-c		4	64							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR			8							
METHOD OF MOUNTING										
REVERSE MOUNTING STYLE -R			8							
TERMINATION										
ANGLED SPILL			13							
OPTIONS										
WITH HARPOONS			H							
NO OPTION			7							
PERFORMANCE CLASS										
4 - DIN 41612 CLASS 3			4							
5 - DIN 41612 CLASS 2			5							
6 - DIN 41612 CLASS 1			6							
8 - AS PER MIL C 55302/JSS 50808			8							
PITCH PER ROW										
2.54			5							
SPL CODE : TIN-LEAD VERSION : F19 - FOR CONNECTOR WITH SPECIAL HARPOON										
SPL CODE : LEAD FREE VERSION : VCLF - FOR CONNECTOR WITH SPECIAL HARPOON										

mat'l. code				surface		tolerance		projection		product family									
SEE TECH. SPEC.				ISO 1302		ISO 406 ISO 1101				8609									
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title									
A	106-0202	MINI	2006-11-16	angles	linear	.0±.1		mm		DIN REVERSE RECEPTACLE									
										ANGLED SPILL DIN 41612 STYLE-R									
				0°±1°				scale 2:1											
				dr	MINI K VANDANATH	2004-09-29			dwg no		sheet 1 of 1						size		
				enr	RAKHEE GEORGE	2004-09-29			C-8609-2058		A3								
				chr	RAKHEE GEORGE	2006-11-16													
				appd	RAKHEE GEORGE	2006-11-16													
sheet index		revision		A															
		sheet		1															