



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 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 / 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 : ≥ 10⁶ MΩ

TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94N

EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : NF C 93-429 / IEC 603-2

SERIES	8609	3	96	8	9	13	H	5	5	V1
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 -HE 11								9		
TERMINATION										
ANGLED SPILL										13
OPTIONS										
NO OPTION										7
WITH HARPOONS										H
PERFORMANCE CLASS										
NF C 93-429 CLASS 3										4
NF C 93-429 CLASS 2										5
NF C 93-429 CLASS 1										6
AS PER MIL C 55302/ JSS 50808										8
PITCH PER ROW										
2.54										5
V1										TIN LEAD VERSION
V1LF										LEAD FREE VERSION

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406 ISO 1101				8609	
litr		ecn no		dr		date		title	
A		I05-0107		MINI		19/05/2005		HE11 RECEPTACLE	
B		I06-0063		MINI		01/06/2006		ANGLED SPILL STYLE-HE11	
								scale	
								mm	
								-	
								sheet 1 of 1	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet		B					
				1					