



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 V0, GREY
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.

CONTACT MATERIAL : COPPER ALLOY
 CONTACT ACTIVE ZONE PLATING : GOLD OVER NICKEL
 CONTACT TERMINATION ZONE 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 AMP
 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 : DIN 41612 / IEC 603-2

SERIES	8609	3	96	7	8	15	7	5	5	000E
ROWS FITTED WITH CONTACTS										
Rows a b c		3	96							
Rows a - c		4	64							

NUMBER OF CONTACTS : 96
 TYPE OF INSULATOR : 3 ROW MALE INSULATOR
 3 ROW MALE INSULATOR : 7

METHOD OF MOUNTING : REVERSE MOUNTING - STYLE R : 8

TERMINATION :
 WIRE WRAP (L = 18.2+0.5/-0.2) : 25
 WIRE WRAP (L = 13.1+0.5/-0.2) : 15

OPTIONS : NO OPTION : 7

PERFORMANCE CLASS :
 DIN 41612 CLASS 3 : 4
 DIN 41612 CLASS 2 : 5
 DIN 41612 CLASS 1 : 6
 AS PER MIL C 55302/ JSS 50808 : 8

PITCH PER ROW : 2.54 : 5

000E : TIN LEAD VERSION
 ELF : LEAD FREE VERSION

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302 ✓	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I04-0063	MINI	17/09/2004	DIN REVERSE HEADER WIRE WRAP DIN 41612 STYLE-R
B	I05-0089	MINI	19/05/2005	
C	I05-0174	MINI	27/09/2005	
D	I06-0061	MINI	31/05/2006	dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision	D		
	sheet	1		

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