



TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V-0, GREY
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 NICKEL

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 <sup>6</sup> MΩ
TEST VOLTAGE (rms)	:	1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	:	≤ 0.94N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15N
REFERENCE SPECIFICATIONS	:	DIN 41612 / IEC603-2

SERIES	8609	3	96	8	1	08	7	5	5	000E1
ROWS FITTED WITH CONTACTS										
Rows a - c		---	4	64						
Rows a b c		---	3	96						
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR				---	8					
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C					---	1				
TERMINATION										
SOLDER EYELET (X-SEE TABLE)						---	08,09,10			
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
		5.08								8

000E1	---	TIN LEAD VERSION
E1LF	---	LEAD FREE VERSION

EYELET SHORT/LONG  
(09/10)

MIXED EYELET  
(08)

10	13.0	---
09	5.0	---
08	5.0	13.0
TERM. STYLE	X <sup>+0.7</sup> / <sub>-0</sub>	Y <sup>+0.7</sup> / <sub>-0</sub>

NOTES:-  
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008  
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

mat'l. code	surface	tolerance	projection	product family
SEE TECH SPEC.	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I06-0114	MINI	2006-07-11	DIN STANDARD FEMALE CNR (SOLDER EYELET DIN 41612 STYLE-C)
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision	A		
	sheet	1		