



WITH HARPOONS

NO OPTION

24	2.5
14	4.0
TERM. STYLE	+0.7 L-0

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V-0, 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 / HARPOON MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	GOLD OVER NICKEL
ACTIVE ZONE	:	GOLD OVER NICKEL
TERMINATION ZONE	:	GOLD OVER NICKEL
TIN LEAD VERSION	:	TIN LEAD OVER NICKEL
LEAD FREE VERSION	:	TIN (PURE MATTE) OVER Ni
HARPOON PLATING	:	TIN LEAD OVER NICKEL
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
<u>MECHANICAL DATA</u>		
INSERTION FORCE PER CONTACT	:	≤ 0.94N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	48	8	3	14	7	5	5	000E1
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						8				
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2							3			
TERMINATION										
LONG STRAIGHT SPILL (L - SEE TABLE)								14		
SHORT STRAIGHT SPILL (L - SEE TABLE)								24		
OPTIONS										
NO OPTION									7	
WITH HARPOONS									H	
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										5
2.54										
000E1										TIN LEAD VERSION
E1LF										LEAD FREE VERSION

mat'l. code				surface		tolerance	projection	product family
				ISO 1302		✓ ISO 406 ISO 1101		
ltr	ecn no	dr	date	tolerances	unless otherwise specified			
A	I04-0100	MINI	09/11/2004	angles	linear	.0±.1	mm	
B	I05-0042	MINI	19/05/2005					
C	I06-0062	MINI	01/06/2006	0°±1°			scale	
				dr	MINI K VANDANATH	22/09/2004		
				engr	RAKHEE GEORGE	22/09/2004		
				chr	RAKHEE GEORGE	01/06/2006		
				appd	RAKHEE GEORGE	01/06/2006		
sheet	revision	C						
index	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.