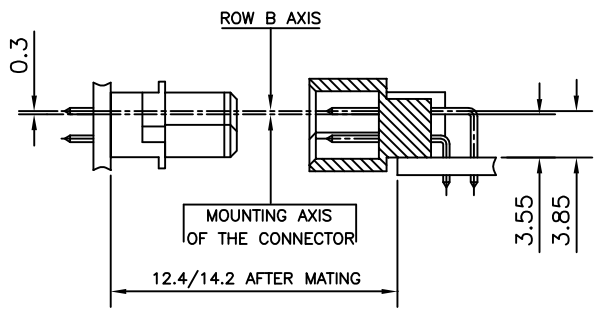


14	4.0
24	2.5
TERM. STYLE	L ^{+0.7} / ₋₀



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

SERIES	8609	2	32	6	3	24	7	5	5	000E1
ROWS FITTED WITH CONTACTS										
Rows a - - - - -		1	16							
Rows a b - - - - -		2	32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW FEMALE INSULATOR - - - - -						6				
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B/2 - - - - -									3	
TERMINATION										
SHORT STRAIGHT SPILL (L - SEE TABLE) - - - - -										24
LONG STRAIGHT SPILL (L - SEE TABLE) - - - - -										14
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
000E1 - - - - -										TIN LEAD VERSION
E1LF - - - - -										LEAD FREE VERSION

NOTES:-

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 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
- 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
-	ISO 1302 ✓	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I04-0100	MINI	09/11/2004	DIN STANDARD RECEPTACLE STRAIGHT SPILL DIN 41612 STYLE-B/2
B	I05-0089	MINI	19/05/2005	
C	I06-0062	MINI	01/06/2006	
		dr	MINI K VANDANATH	23/09/2004
		enfr	RAKHEE GEORGE	23/09/2004
		chr	RAKHEE GEORGE	01/06/2006
		appd	RAKHEE GEORGE	01/06/2006
sheet index	revision	C		
	sheet	1		
dwg no				sheet 1 of 1
type				Product Customer Drawing
size				A3

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[0850033067](#) [09031646555](#) [09061486901840](#)