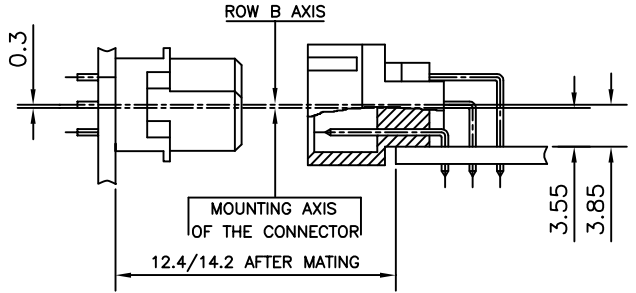
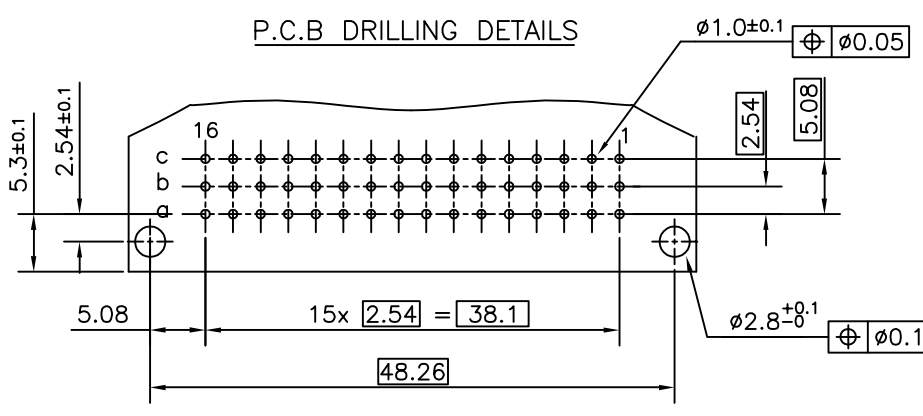


P.C.B DRILLING DETAILS



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 : ≥ 10⁸ 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	48	7	3	13	7	5	5	000E
ROWS FITTED WITH CONTACTS										
Rows a - - - - -		1	16							
Rows a - c - - - -		4	32							
Rows a b c - - - -		3	48							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR						7				
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2								3		
TERMINATION										
ANGLED SPILL										13
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										
2.54										5
000E										TIN LEAD VERSION
ELF										LEAD FREE VERSION

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.

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	tolerances unless otherwise specified
A	I04-0063	MINI	17/09/2004	angles
B	I04-0100	MINI	09/11/2004	linear
C	I05-0089	MINI	19/05/2005	0°±1'
D	I06-0061	MINI	31/05/2006	dr
				engr RAKHEE GEORGE 17/09/2004
				chr RAKHEE GEORGE 31/05/2006
				appd RAKHEE GEORGE 31/05/2006
sheet index	revision	D		
	sheet	1		

product family	8609	title	DIN STANDARD HEADER ANGLED SPILL DIN 41612 STYLE-C/2
dwg no	sheet 1 of 1	size	A3
	C-8609-2003		
type	Product Customer Drawing		