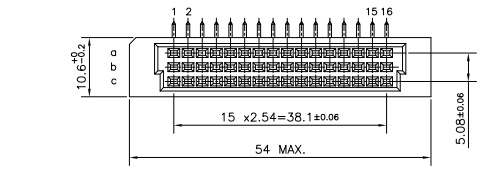
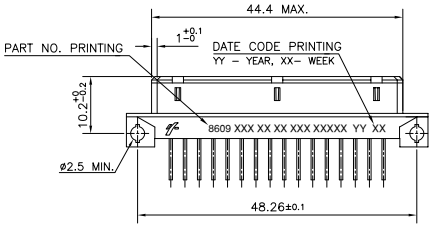
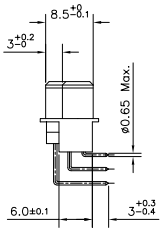
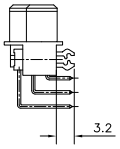


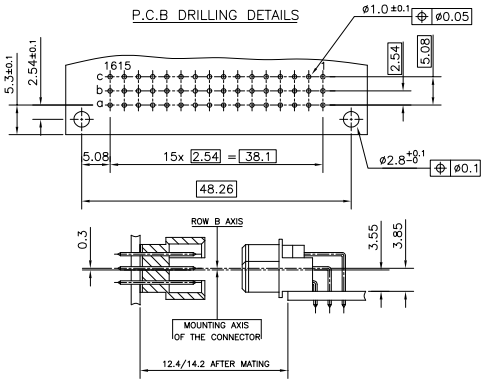




NO OPTION



WITH HARPOONS



TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL 94V-0, GREY
		HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C
		WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METTALIC DEVICE FOR RIGHT ANGLE
		CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C
CONTACT MATERIAL	:	COPPER ALLOY
CONTACT PLATING		
ACTIVE ZONE	:	GOLD OVER NICKEL
TERMINATION ZONE		
TIN LEAD VERSION	:	TIN LEAD OVER NICKEL
LEAD FREE VERSION	:	TIN (PURE MATTE) OVER NI
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 (1 MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C/ +125°C
CONTACT RESISTANCE	:	≤ 20mΩ
INSULATION RESISTANCE	:	≥ 10^8 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	8	6	13	7	6	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										
REVERSE MOUNTING – STYLE R/2					6					
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	
000E1										TIN LEAD VERSION
E1LF										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.

ltr	ecn no	dr	date
A	104-0100	MINI	09/11/2004
B	105-0042	MINI	19/05/2005
C	106-0063	MINI	01/06/2006

dr	MINI K VANDANATH	23/09/2004
engr	RAKHEE GEORGE	23/09/2004
chr	RAKHEE GEORGE	01/06/2006
appd	RAKHEE GEORGE	01/06/2006

mat'l. code	–
surface	ISO 1302
tolerance	ISO 406 ISO 1101
tolerances unless otherwise specified	angles ±1° linear .0±.1
projection	
mm	
scale	–
product family	8609
title	DIN REVERSE RECEPTACLE ANGLED SPILL DIN 41612 STYLE-R/2
dwg no	C-8609-2027
sheet 1 of 1	
size	A3
type	Product Customer Drawing
sheet index	revision C sheet 1

PDM: Rev:C STATUS:Released Printed: Sep 24, 2010

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