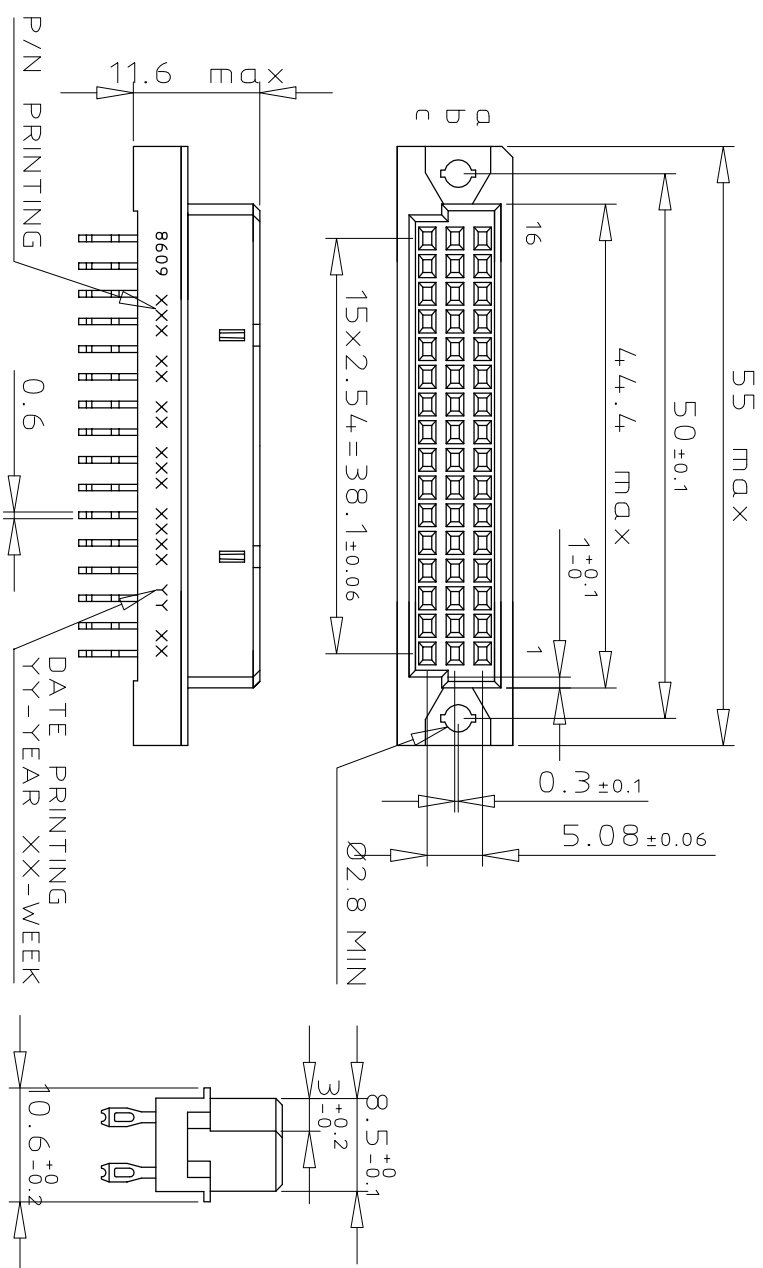


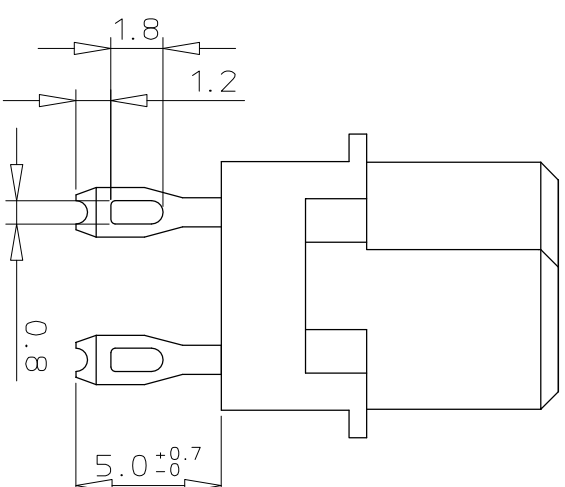
DIMENSIONS



ORDERING INFORMATION

SERIES	8609	4	16	8	3	09	7	8	8	E1LF
ROWS FITTED WITH CONTACTS										
ROW a - c	4									
NO. OF CONTACTS	16									
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR	8									
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2	3									
TERMINATION										
SHORT SOLDER EYELET	.09									
OPTIONS										
NO OPTION	7									
PERFORMANCE CLASS										
DIN 4,1612 CLASS 3	4									
DIN 4,1612 CLASS 2	5									
DIN 4,1612 CLASS 1	6									
AS PER MIL C 55302 / JSS 50808	8									
PITCH PER ROW										
5.08 mm	8									
LEAD FREE VERSION										
E1LF										

TERMINATION



TECHNICAL SPECIFICATION

HOUSING MATERIAL	THERMOPLASTIC POLYESTER UL-94-V0 GRAY
CONTACT MATERIAL	COPPER ALLOY
ACTIVE ZONE CONTACT FINISH	AU OVER NI
TERMINATION ZONE CONTACT FINISH	Sn (PURE MATT) OVER NI

ELECTRICAL DATA

CURRENT RATING	1.5A AT 20°C
TEMPERATURE RANGE	-55°C TO +125°C
CONTACT RESISTANCE	≤20mΩ
INSULATION RESISTANCE	≥10MΩ
TEST VOLTAGE (RMS)	1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	±0.94N
EXTRACTION FORCE PER CONTACT	±0.15N
REFERENCE SPECIFICATION	DIN 41612 OR IEC 603-2

ROHS INFORMATION

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

mat'l. code				surface		tolerance		projection		product family			
SEE TECHNICAL SPECIFICATION				ISO 1302		ISO 406 ISO 1101				8609			
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title			
A	031-03-09	KR	2009-03-23	angles			DIN STANDARD HEADER						
					linear		0.X	±0.1	SOLDER EYELET DIN 41612 STYLE C/2				
					0°±2°		0.XXX	±0.1	scale 3:2				
				dr	KESAVAN R		2009-03-23		dwg no				
				engr	KESAVAN R		2009-03-23		sheet 1 of 1				
				chr	KESAVAN R		2009-03-23		C-8609-2177				
				appd	BIJU K PAUL		2009-03-23		A3				
sheet		revision		A						type Product Customer Drawing			
index		sheet		1									