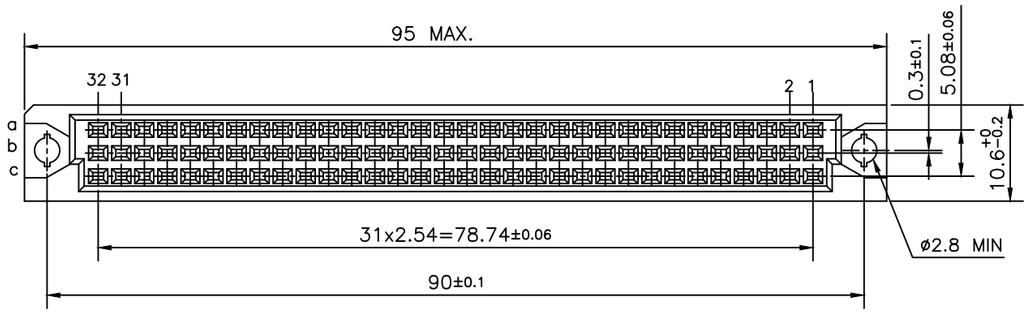
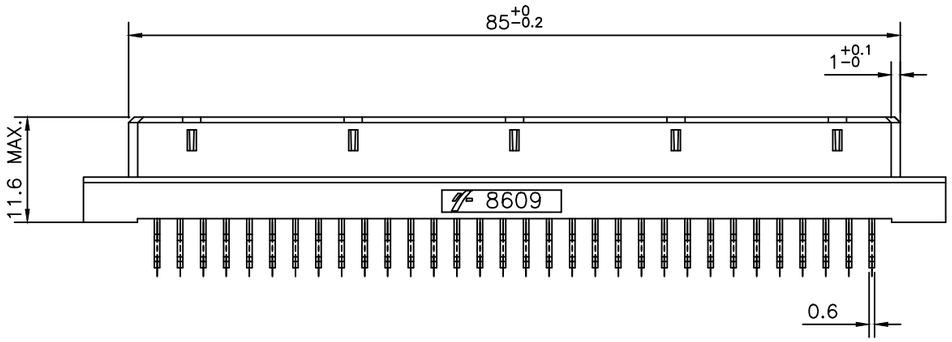
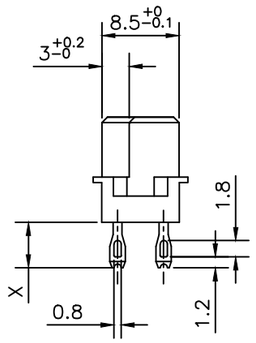
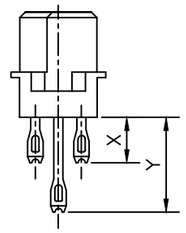




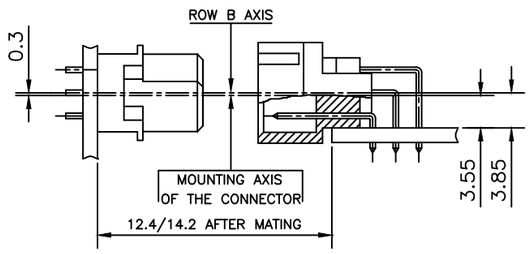


EYELET SHORT/LONG
(09/10)



MIXED EYLET
(08)

10	13.0	–
09	5.0	–
08	5.0	13.0
TERM. STYLE	X +0.7 −0	Y +0.7 −0



TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V–0, GREY
CONTACT MATERIAL	:	COPPER ALLOY
CONTACT ACTIVE ZONE PLATING	:	AU/GXT™OVER NICKEL
CONTACT TERMINATION ZONE PLATING		
TIN LEAD VERSION	:	TIN LEAD OVER NICKEL
LEAD FREE VERSION	:	TIN (PURE MATTE) OVER NICKEL

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	:	≥ 10^6 MΩ
TEST VOLTAGE (rms)	:	1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	:	≤ 0.94N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC603–2

SERIES	8609	3	96	8	1	08	7	5	5	000E1

ROWS FITTED WITH CONTACTS
- Rows a – c —–— 4 64
- Rows a b c —–— 3 96

NUMBER OF CONTACTS

TYPE OF INSULATOR
- 3 ROW FEMALE INSULATOR —–—–—–—–—–— 8

METHOD OF MOUNTING
- STANDARD MOUNTING – STYLE C —–—–—–—–—–— 1

TERMINATION
- SOLDER EYELET (X–SEE TABLE) —–—–—–—–—–— 08,09,10

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
- 5.08 —–—–—–—–—–—–—–—–— 8

- 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. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

ltr	ecn no	dr	date
A	I06–0114	MINI	2006–07–11
B	ELX–I–14975	MJA	2013–06–13

dr	MINI.K.VANDANATH	2006–07–11
engr	RAKHEE GEORGE	2006–07–11
chr	M JACOB	2013–06–13
appd	BIJU K PAUL	2013–06–13

mat'l. code: SEE TECH SPEC.
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 STANDARD FEMALE CNR (SOLDER EYELET DIN 41612 STYLE-C)
dwg no: C–8609–2099
sheet 1 of 1
size: A3
type: Product Customer Drawing

sheet index | revision B | sheet 1

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form: A3

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