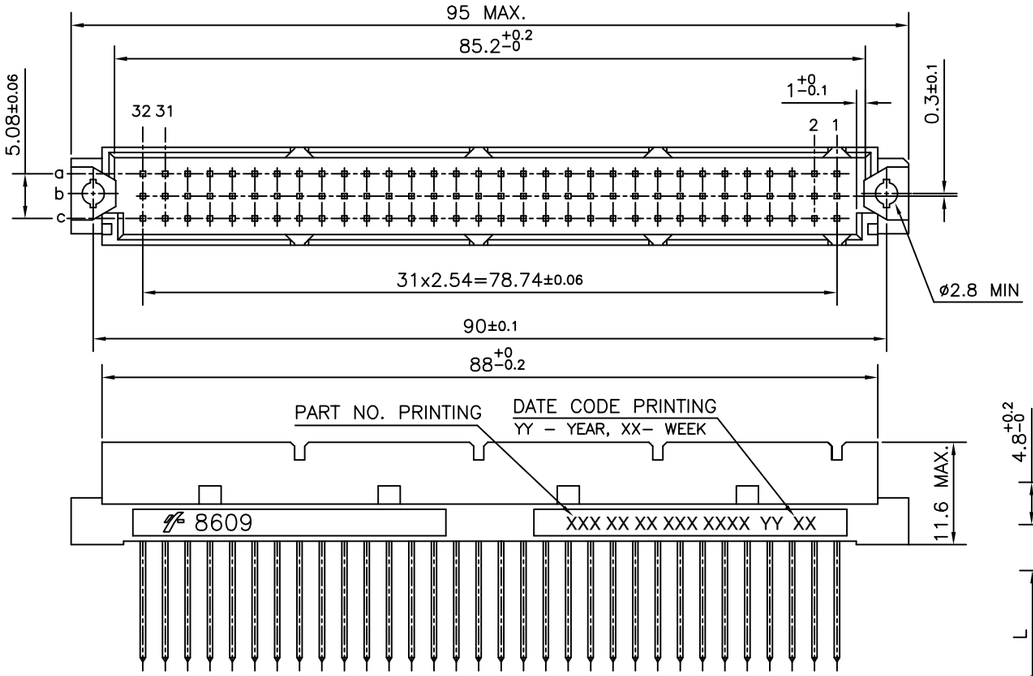
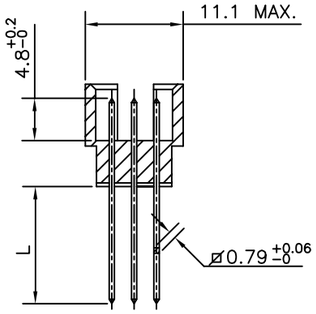
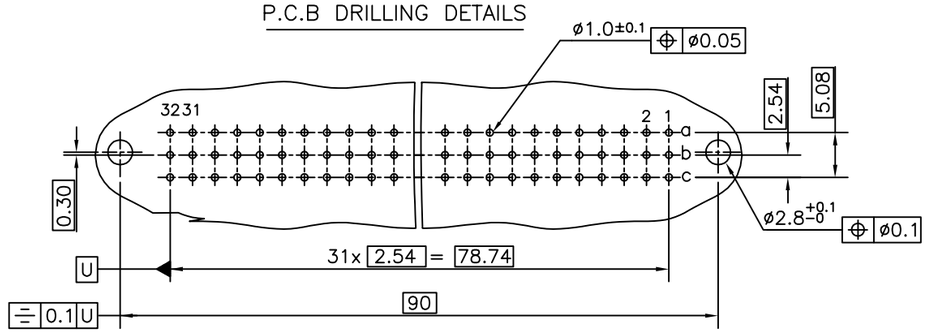
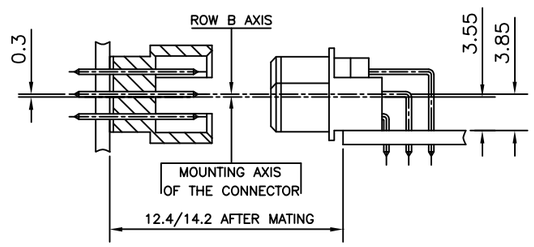




P.C.B DRILLING DETAILS



25	18.2 +0.5 −0.2
15	13.1 +0.5 −0.2
TERM. STYLE	L



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.

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL 94 V0, 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 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 AMP
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 / IEC 603–2

SERIES	8609	3	96	7	8	15	7	5	5	000E

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

NUMBER OF CONTACTS

TYPE OF INSULATOR
- 3 ROW MALE INSULATOR ——— 7

METHOD OF MOUNTING
- REVERSE MOUNTING – STYLE R ——— 8

TERMINATION
- WIRE WRAP (L = 18.2 +0.5 −0.2) ——— 25
- WIRE WRAP (L = 13.1 +0.5 −0.2) ——— 15

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

- 000E ——— TIN LEAD VERSION
- ELF ——— LEAD FREE VERSION

ltr	ecn no	dr	date
A	I04–0063	MINI	17/09/2004
B	I05–0089	MINI	19/05/2005
C	I05–0174	MINI	27/09/2005
D	I06–0061	MINI	31/05/2006

dr	MINI K VANDANATH	17/09/2004
engr	RAKHEE GEORGE	17/09/2004
chr	RAKHEE GEORGE	31/05/2006
appd	RAKHEE GEORGE	31/05/2006

sheet	revision	D
index	sheet	1

mat'l. code –

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles 0°±1° linear .0±.1

projection

mm

scale –

product family: 8609

title: DIN REVERSE HEADER
WIRE WRAP DIN 41612 STYLE-R

dwg no C-8609-2005 sheet 1 of 1 size A3

type Product Customer Drawing

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form: A3

PDM: Rev:D STATUS:Released Printed: Oct 30, 2007