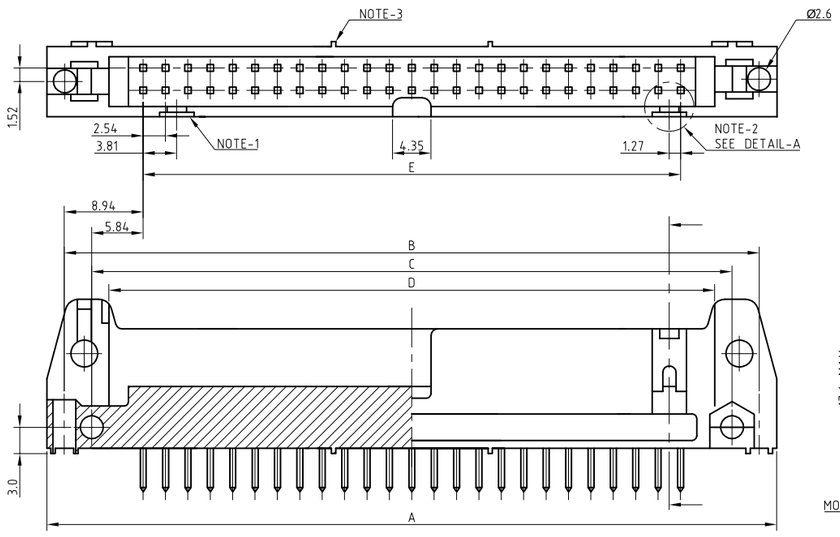
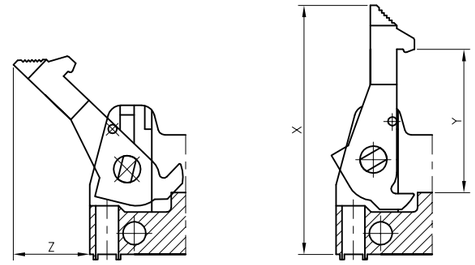
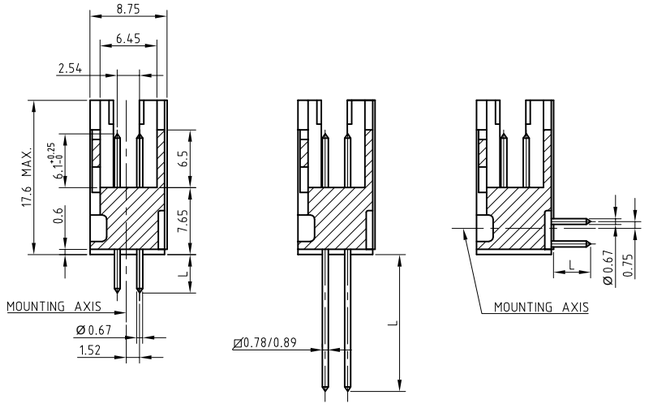
No. OF POSITION	10	14	16	20	26	30	34	40	50	60	64
A $^{+0.25}_{-0}$	32.00	37.08	39.62	44.70	52.32	57.40	62.48	70.10	82.80	95.50	100.58
B ±0.1	27.94	33.02	35.56	40.64	48.26	53.34	58.42	66.04	78.74	91.44	96.52
C ±0.1	21.84	26.92	29.46	34.54	42.16	47.24	52.32	59.94	72.64	85.34	90.42
D $^{+0.13}_{-0}$	17.91	22.99	25.53	30.61	38.23	43.31	48.39	56.01	68.71	81.41	86.49
E ±0.05	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74

DIMENSION	LOCKING LEVER	
	SHORT	LONG
X MAX.	25.30	28.0
Y MAX.	11.30	15.0
Z	9.0	10.5



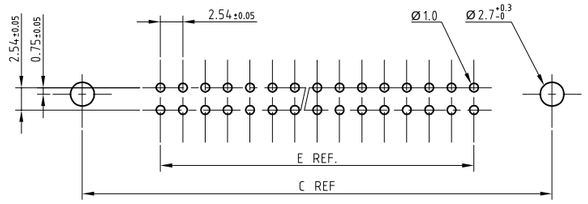




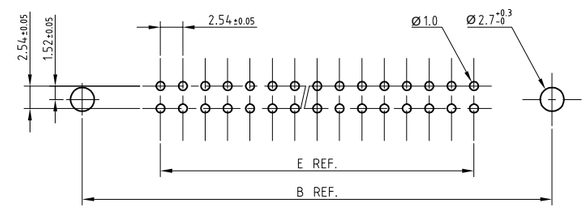
STRAIGHT SPILL (14&24)

WIRE WRAP (15)

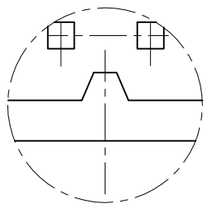
ANGLED SPILL (13&23)



PCB DRILLING DETAILS (ANGLED SPILL TERMINATION)



PCB DRILLING DETAILS (STRAIGHT SPILL TERMINATION)



DETAIL-A

CODE	TERMINATION STYLE	L
24	STRAIGHT SPILL SHORT	2.9±0.2
14	STRAIGHT SPILL LONG	4.35±0.35
23	ANGLED SPILL SHORT	2.8±0.2
13	ANGLED SPILL LONG	4.2±0.35
15	WIRE WRAP	15.5±0.35

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYSTER UL94V0; GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C. FOR ANGLE CONNECTORS, PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE IS TO BE USED AS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.		
CONTACT MATERIAL	:	COPPER ALLOY
CONTACT PLATING		
ACTIVE ZONE	:	Au OVER Ni
TERMINATION ZONE	:	SnPb OVER Ni FOR LEADED VERSION
		Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION
CURRENT RATING	:	1.5A AT 20°C
INSULATION RESISTANCE	:	⩾5000MΩ AT 100V
CONTACT RESISTANCE	:	⩽20mΩ
DIELECTRIC WITHSTANDING VOLTAGE	:	1000Vrms
OPERATING TEMPERATURE	:	-55°C TO +125°C
REFERENCE SPECIFICATION	:	IEC 603-13 / DIN 41651

NOTES

1. LEFT POLARISATION IS NOT PROVIDED FOR 10 & 14 POSITIONS.
2. RIGHT POLARISATION IS NOT PROVIDED FOR 10 POSITION. FOR 10 POSITION, INSTEAD OF RIGHT POLARISATION, PROJECTION AS SHOWN IN DETAIL-A WILL BE PROVIDED.
3. INTERMEDIATE LEGS ARE PROVIDED ONLY ABOVE 20 POSITION.

SERIES: 8613 | 010 | 2 | 1 | 14 | 3 | 4 | 5 | 000E1

No. OF CONTACTS
010,014,016,020,026,030,034,040,050,060,064

TYPE OF INSULATOR
HEADER WITH CENTRAL POLARISATION FOR ALL POSITIONS — 2
HEADER 10 POSITION WITH CENTRAL POLARISATION & INSIDE PROJECTION — 8

METHOD OF MOUNTING
WITHOUT LEVERS — 0
WITH LONG BLACK LEVERS — 1
WITH LONG GREY LEVERS — 3
WITH SHORT GREY LEVERS — 4

TERMINATION STYLE
STRAIGHT SPILL SHORT — 14
STRAIGHT SPILL LONG — 24
ANGLED SPILL SHORT — 13
ANGLED SPILL LONG — 23
WIRE WRAP — 15

HOUSING MATERIAL
PBT GREY — 3

PERFORMANCE CLASS
DIN 41651 CLASS 3 — 4
DIN 41651 CLASS 2 — 5
DIN 41651 CLASS 1 — 6
AS PER JSS 50810 — 8

LONGITUDINAL PITCH
2.54 mm — 5
5.08 mm — 8

SPECIAL CODE
TIN LEAD VERSION — 000E1
LEAD FREE VERSION — E1LF

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
B	106-0066	MINI	2006-06-01
C	107-0132	KR	2007-10-05

sheet	revision
index	sheet 1	C

mat'l. code: SEE TECHNICAL SPECIFICATION
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified
angles: 0°±1°
linear: .0±.1
projection
mm
scale 3:2

dr	MINI.K.VANDANATH	2001-12-18
engr	RAKHEE GEORGE	2001-12-18
chr	KESAVAN.R	2007-10-05
appd	RAKHEE GEORGE	2007-10-05

product family: 8613
title: HEADERS
dwg no: C-8613-0041
sheet 1 of 1
size: A3
type: Product Customer Drawing

form: A3

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