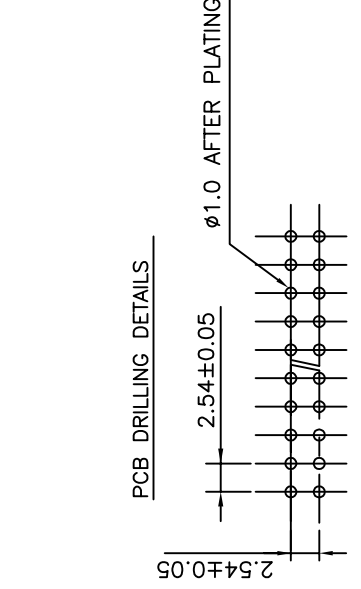


D	17.91	22.99	25.53	30.61	38.23	43.31	48.39	56.01	68.71	81.41	86.49
C	-	-	-	-	17.78	17.78	17.78	25.40	17.78	25.40	25.40
B	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
+0.25 A-0	19.71	24.79	27.33	32.41	40.03	45.11	50.19	57.81	70.51	83.21	88.29
NO.OF POSITION	10	14	16	20	26	30	34	40	50	60	64

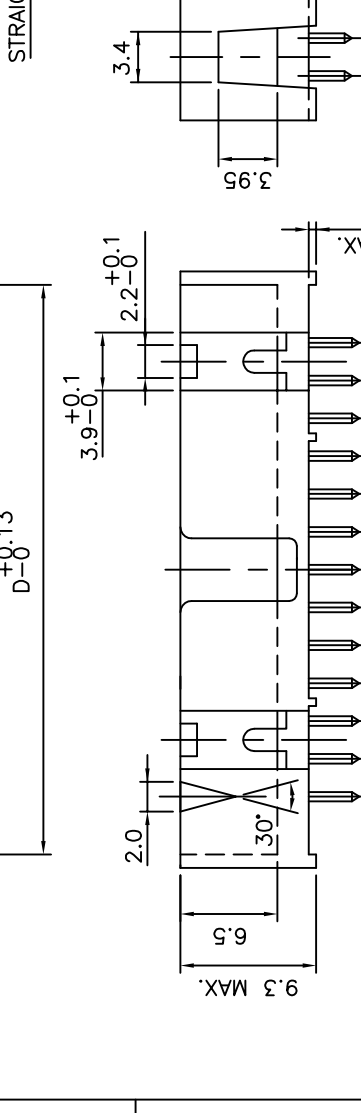
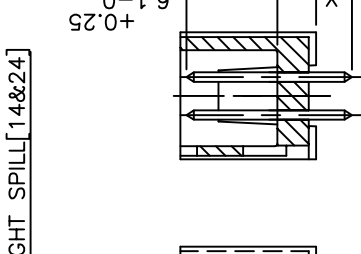
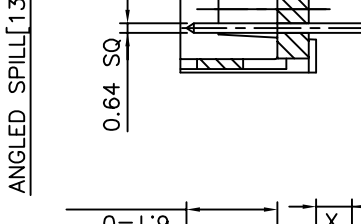
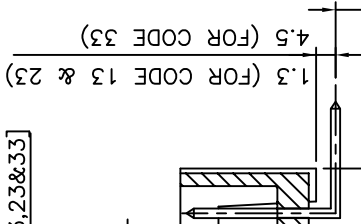
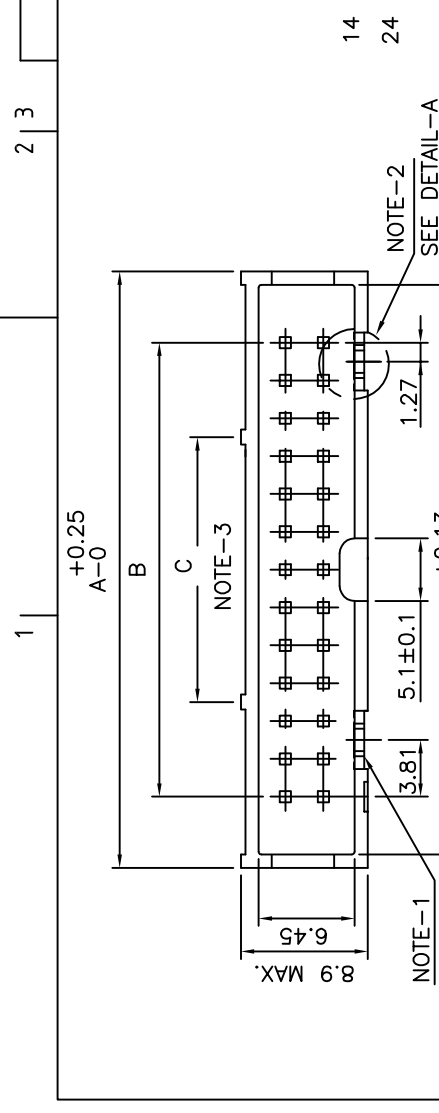
DIMNS



13 X = 4.20±0.35
23 X = 2.80±0.2
33 X = 6.0±0.2

14 X = 4.35±0.35
24 X = 2.90±0.2

ANGLED SPILL [13,23&33]
STRAIGHT SPILL [14&24]



TECHNICAL SPECIFICATION

HOUSING MATERIAL — THERMOPLASTIC POLYESTER UL 94 V0; GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEADFREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250° C. FOR ANGLE CONNECTORS PROTECTIVE ADHESIVE OR METALLIC DEVICE TO BE USED AS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.

CONTACT MATERIAL — COPPER ALLOY
PLATING — ACTIVE ZONE — GOLD OR EQUIVALENT GOLD OVER PALLADIUM NICKEL OVER NICKEL
TERMINATION ZONE — SnPb OVER Ni FOR TIN LEAD VERSION.
— Sn (MATTE TIN) OVER Ni FOR LEAD FREE VERSION.

CURRENT RATING — 1.5A AT 20°C
INSULATION RESISTANCE — >5000MΩ AT 100V
CONTACT RESISTANCE — ≤20mΩ
DIELECTRIC WITHSTANDING VOLTAGE — 1000 Vrms
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.
3. INTERMEDIATE LEGS ARE PRESENT ONLY ABOVE 20 POSITION.

ORDERING INFORMATION

8613

SERIES

NO.OF CONTACTS :-
10,14,16,20,26,30,34
40,50,60,64

LOW PROFILE BOX HEADER

TYPE OF TERMINATION
13 - LONG ANGLED SPILL
14 - LONG STRAIGHT SPILL
23 - SHORT ANGLED SPILL
24 - SHORT STRAIGHT SPILL
33 - SPL. LONG ANGLED SPILL

SPECIAL CODES
000E1: TIN LEAD VERSION
E1LF: LEAD FREE VERSION

LONGITUDINAL PITCH
5 - 2.54 mm
8 - 5.08 mm

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

INSULATOR MATERIAL
3 - PBT GREY

mat'l. code	surface	tolerance	projection	product family	8613
ISO 1302	ISO 406	ISO 1101		title	
tolerances unless otherwise specified	.0±.1		mm	LOW PROFILE BOX HEADER	
angles	linear		scale	-	
0°±1°	MINI.K.VANDANATH 13/09/2001		dwg no		
MINI 13/09/2001	GT 28/10/2009 dr		sheet 1 of 1 size		
MINI 27/07/2005	GT 2011-12-20 engr		A3		
MINI 01/06/2006	chr RAKHEE GEORGE 01/06/2006		C-8613-0040		
appd RAKHEE GEORGE 01/06/2006	sheet index		type		
revision E	sheet 1		Product Customer Drawing		

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 ROHS COMPATIBLE VERSION.

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[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
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[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)
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