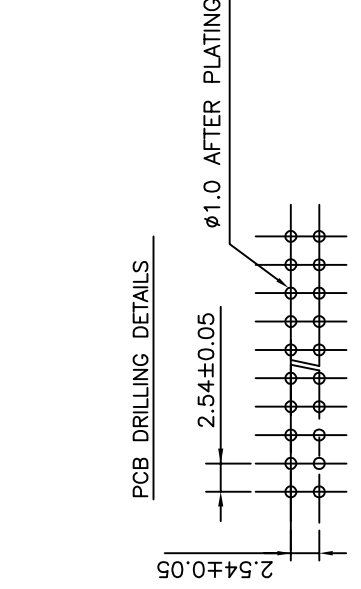


D	17.91	22.99	25.53	30.61	38.23	43.31	48.39	56.01	68.71	81.41	86.49
C	-	-	-	-	17.78	17.78	17.78	25.40	17.78	25.40	25.40
B	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
+0.25 A-0	19.71	24.79	27.33	32.41	40.03	45.11	50.19	57.81	70.51	83.21	88.29
NO.OF POSITION	10	14	16	20	26	30	34	40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

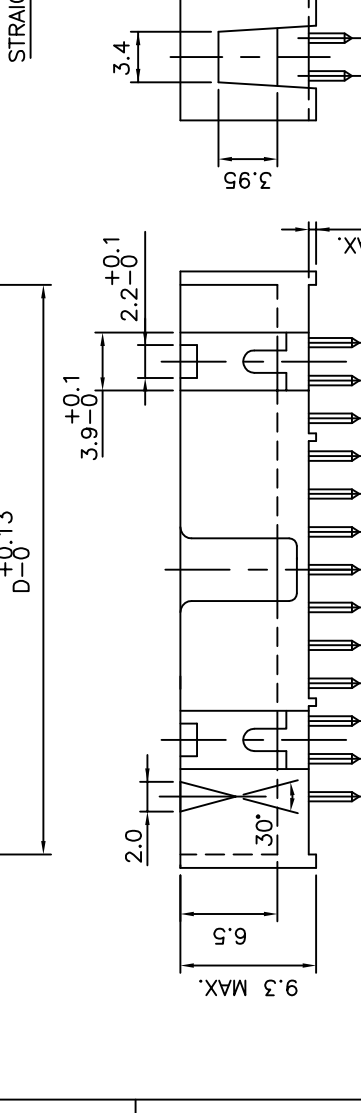
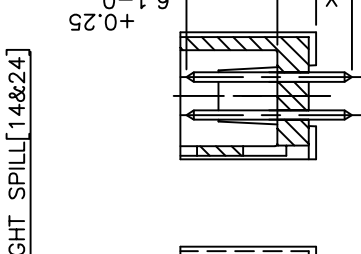
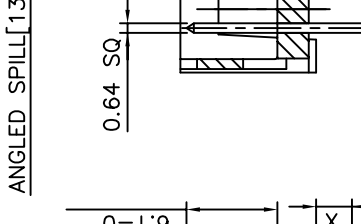
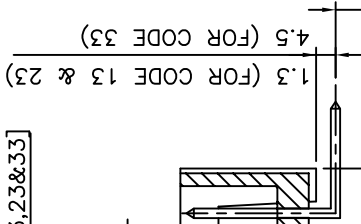
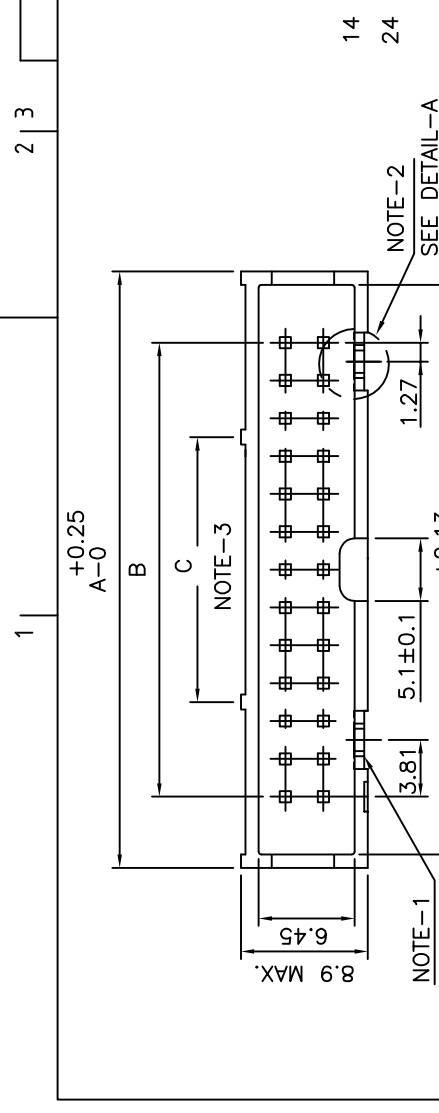
DIMNS



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

**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.

mat'l. code	surface	tolerance	projection	product family	8613
itr	ISO 1302	ISO 406 ISO 1101		title	LOW PROFILE BOX HEADER
A	ecn no	dr	date	tolerances unless otherwise specified	.0±.1
B	105-0123	MINI	13/09/2001	angles	linear
C	106-0066	MINI	27/07/2005	0°±1°	mm
D	109-0242	GT	01/06/2006	scale	-
E	111-0193	GT	28/10/2009	MINI.K.VANDANATH	13/09/2001
			2011-12-20	engr RAKHEE GEORGE	13/09/2001
				chr RAKHEE GEORGE	01/06/2006
				appd RAKHEE GEORGE	01/06/2006
sheet index	revision	sheet	1	dwg no	sheet 1 of 1 size A3
				type	Product Customer Drawing

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Amphenol:

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[86130345014345E1LF](#) [86130105013345E1LF](#) [86130165024345E1LF](#) [86130265013345E1LF](#) [86130205023365E1LF](#)  
[86130105024345E1LF](#) [86130145013345E1LF](#) [86130505024345E1LF](#) [86130265014345E1LF](#)  
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