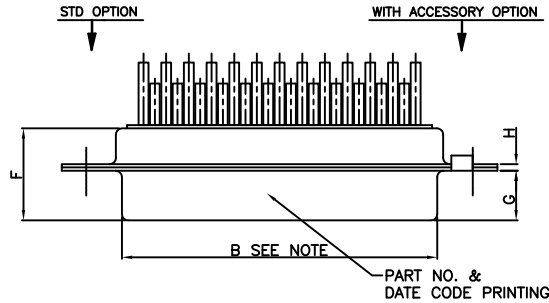
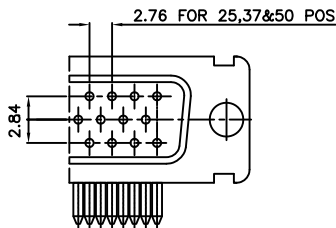




LAYOUT OF 50 POS. CONNECTOR



TECHNICAL SPECIFICATIONS

SHELLS	: TIN PLATED STEEL
CONTACTS DIA ON ACTIVE AREA	: Ø1 MM.
CONTACTS MATERIAL	: COPPER ALLOY
CONTACT PLATING	: GXT / GOLD OVER NICKEL (ACTIVE ZONE) : TIN OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	: 2µ MIN. TIN TOP OVER 1.27µ MIN. NICKEL UNDER PLATE (ON TERMINATION ZONE)
INSULATOR MATERIAL	: SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 V0 THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE
OPERATING TEMPERATURE	: -55°C +125°C
OPERATING CURRENT	: 5 A PER CONTACT
CONTACT RESISTANCE	: $\leq 25m\Omega$
INSULATION RESISTANCE	: $\geq 5000 M\Omega$
MAXIMUM VOLTAGE	: 1000 V _{r.m.s}
MECHANICAL ENDURANCE	: 500 MATINGS MIN. FOR CODE 65 200 MATINGS MIN. FOR CODE 64
DAMP HEAT	: 21 DAYS.

ORDERING INFORMATION

SERIES	D B V 25 P 5 64 C T X XXX LF	LEAD FREE
SHELL SIZE	E A B C D	SPECIAL CODES
OPTIONS	BLANK-STANDARD V-RVTD HEX. FEM SCREW LOCK (UNC4-40) L-CLINCH NUT (M3) O-CLINCH NUT (UNC4-40) N-SCREW (M3) WITH NUT, WASHER & BRACKET T-SCREW (UNC) WITH NUT, WASHER & BRACKET NO. OF CONTACTS 09,15,25,37,50	DIMPLES X-ON MALE CONNECTORS ONLY SHELL PLATING BLANK-ZINC T-STD. TIN LEAD OVER Cu
CONTACTS	P - PIN S - SOCKET	OPTIONS BLANK - STANDARD G - HARPOON M - METAL BRACKET C - WITHOUT BRACKET
CONTACT PLATING	64 - 200 MATING CYCLES 65 - 500 MATING CYCLES	TERMINATION TYPE 5-ANGLED SPILL 2.54mm BETWEEN ROWS 8-ANGLED SPILL 2.84mm BETWEEN ROWS

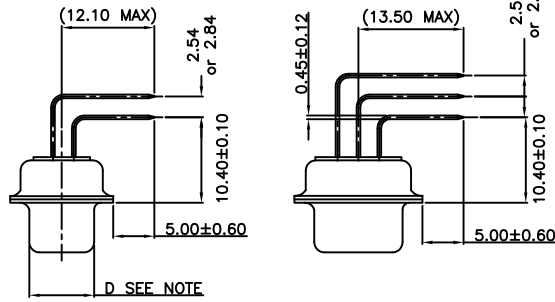
NOTES:

- 1) GENERAL VIEW SHOWN IS OPTION C
- 2) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR

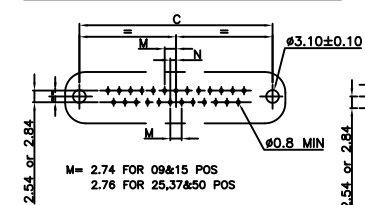
"This LF product meets European Union Directives and other country regulations as described in GS-47-0004."

The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.

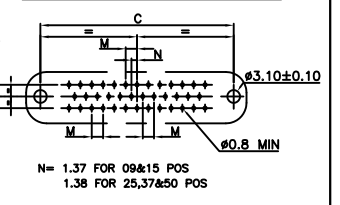
Packaging as per GS-14-920



PCB DRILLING DETAIL - 09 TO 37 POS



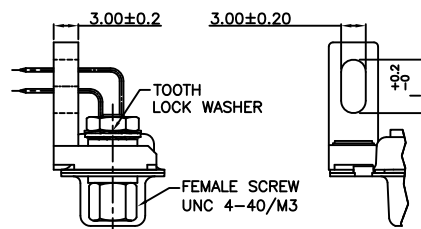
PCB DRILLING DETAIL - 50 POS



SCALE 2:1

SCREW LOCK WITH NUT, WASHER & PLASTIC BRACKET

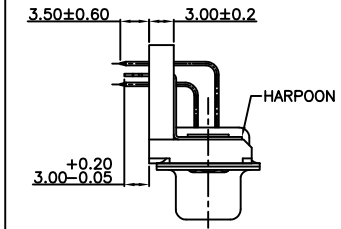
- OPTION: - N (FEMALE SCREW M3)
OPTION: - T (FEMALE SCREW UNC4-40)



BRACKET DETAILS

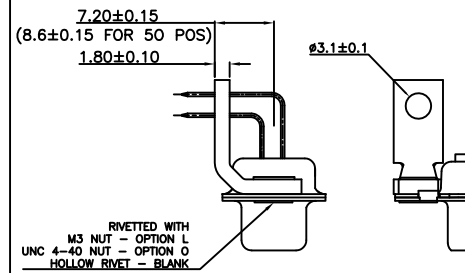
HARPOON WITH PLASTIC BRACKET

- OPTION: - G



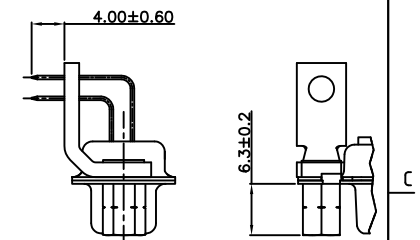
VIEW WITH RIVET & METAL BRACKET

- OPTION: - L/O WITH M (METAL BRACKET)



VIEW WITH RIVETED FEMALE SCREW & METAL BRACKET

- OPTION: - V WITH M (METAL BRACKET)



mat'l. code	-	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	D-SUB
ltr	ecn no	dr	date	angles	linear	±0.1	MM	title	D-SUB A/S CONNECTOR WITH FOOTPRINT 10.4 mm
G	106-0074	GVJ	2006/06/08					(WITH ASSEMBLY OPTIONS)	
H	108-0139	MRA	2008/10/13						
J	109-0075	MRA	2009/05/14	0°±2'			scale 4:1	dwg no	sheet 1 of 1
K	111-0003	MRA	2011/01/08	dr	MINI K VANDANATH	1999/03/20			
L	ELX-I-15429	MP	2013/08/06	engr	MITHUN PAUL	2013/08/06			
M	ELX-I-20760	MP	2015/05/02	chr	ALIAS BABU	2013/08/06			
				appd	BIJU K PAUL	2013/08/06			
sheet	revision	M						C-DSUB-0066	A3
index	sheet	1						type	Product Customer Drawing

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[DA15P564LF](#) [DA15S565GTLF](#) [DB25P564LF](#) [DB25P565MTXLF](#) [DB25S564LF](#) [DC37P564LF](#) [DC37S564LF](#)
[DC37S565GTLF](#) [DD50P565MTXLF](#) [DD50S565MTLF](#) [DE09P564LF](#) [DE09S564LF](#) [DA15P565MTXLF](#)
[DA15S565MTLF](#) [DB25S564CTLF](#) [DB25S565MTLF](#) [DD50P564TXLF](#) [DD50S564TLF](#) [DE09P564CTXLF](#)
[DE09P565MTXLF](#) [DE09S564TLF](#) [DE09S565MTLF](#) [DEV09S565GTLF](#) [DA15P564GTXLF](#) [DA15S564GTLF](#)
[DB25P564GTXLF](#) [DB25S564GTLF](#) [DE09S564GTLF](#) [DE09S565GTLF](#) [DE09P564GTXLF](#) [DE09S565TLF](#)
[DDL50S565GTLF](#) [DC37P564TXLF](#) [DE09P564TXLF](#) [DB25P564TXLF](#) [DB25S564TLF](#) [DA15P564TXLF](#)
[DAO15S565MTLF](#) [DBO25P565MTXLF](#) [DEO09S565MTLF](#) [DA15P565CTXLF](#) [DEV09S565TLF](#) [DD50P564CTXLF](#)
[DE09S564MTLF](#) [DE09P564MTXLF](#) [DC37S564TLF](#) [DD50P564GTXLF](#) [DD50S564GTLF](#) [DEO09S565GTLF](#)