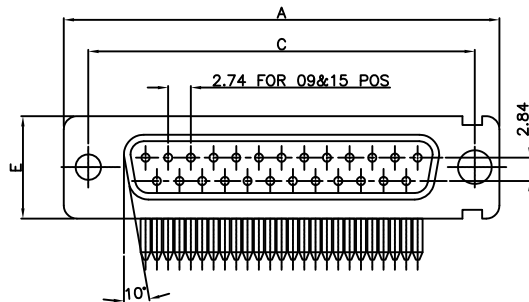
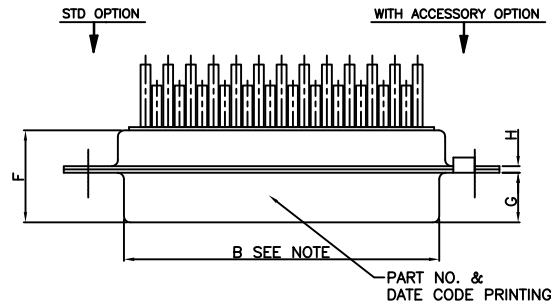




TECHNICAL SPECIFICATIONS

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.

50	P	66.93	52.80	61.11	11.20	15.37	11.09	5.75	1.0
	S	66.93	52.42	61.11	10.74	15.37	11.21	6.05	0.9
37	P	69.32	55.42	63.50	8.35	12.55	11.09	5.75	1.0
	S	69.32	54.83	63.50	7.89	12.55	11.21	6.05	0.9
25	P	53.03	38.96	47.04	8.35	12.55	11.09	5.75	0.9
	S	53.03	38.37	47.04	7.89	12.55	11.21	6.05	0.9
15	P	39.14	25.24	33.32	8.35	12.55	10.99	5.85	0.9
	S	39.14	24.66	33.32	7.89	12.55	11.21	6.05	0.9
09	P	30.81	16.91	24.99	8.35	12.55	10.99	5.85	0.9
	S	30.81	16.33	24.99	7.89	12.55	11.21	6.05	0.9
	SHELL SIZE	A	±0.38	B	±0.13	C	±0.13	D	±0.38
		E	±0.13	F	MAX	G	±0.25	H	±0.12

NOTES:

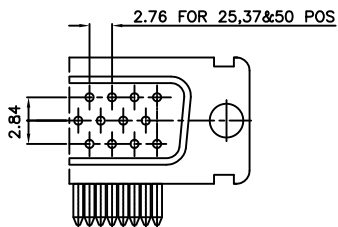
- 1) GENERAL VIEW SHOWN IS OPTION C
- 2) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR

"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.

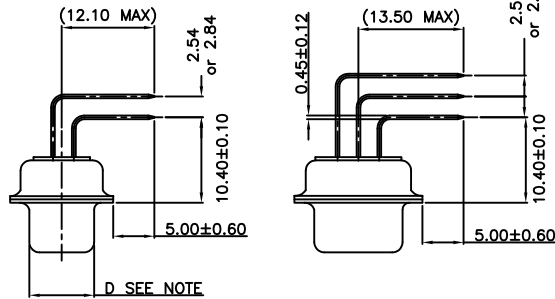
Packaging as per GS-14-920

LAYOUT OF 50 POS.CONNECTOR

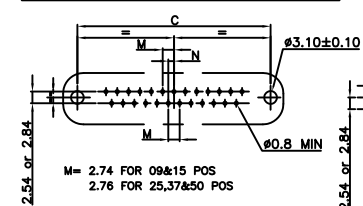


ORDERING INFORMATION

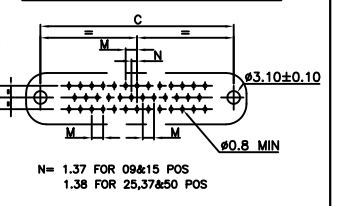
SERIES	D B V 25 P 5 64 C T X XXX LF	LEAD FREE
SHELL SIZE	E A B C D	SPECIAL CODES
OPTIONS		DIMPLES
BLANK-STANDARD		X-ON MALE CONNECTORS ONLY
V-RVTD HEX. FEM SCREW LOCK (UNC4-40)		SHELL PLATING
L-CLINCH NUT (M3)		BLANK-ZINC
O-CLINCH NUT (UNC4-40)		T-STD. TIN LEAD Over Cu
N-SCREW (M3) WITH NUT, WASHER &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



PCB DRILLING DETAIL - 09 TO 37 POS



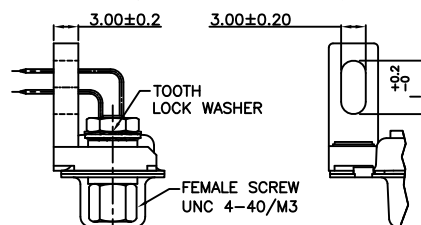
PCB DRILLING DETAIL - 50 POS



SCALE 2:1

SCREW LOCK WITH NUT, WASHER & PLASTIC BRACKET

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

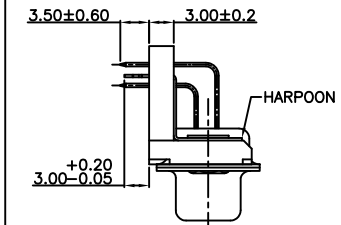


I = 6.5 (9-37 POS)
I = 7.4 (50 POS)

BRACKET DETAILS

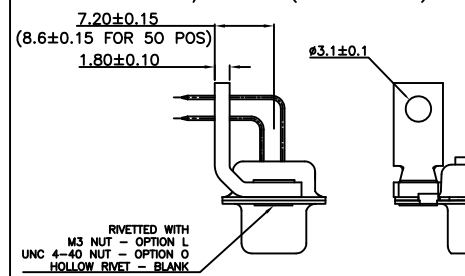
HARPOON WITH PLASTIC BRACKET

- OPTION: - G



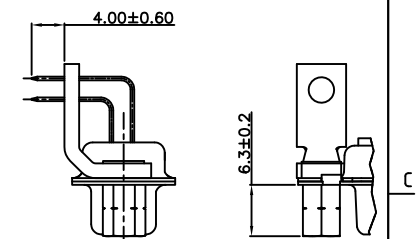
VIEW WITH RIVET & METAL BRACKET

- 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		
K	111-0003	MRA	2011/01/08	dr	MINI K VANDANATH	1999/03/20		dwg no	sheet 1 of 1
L	ELX-I-15429	MP	2013/08/06	engr	MITHUN PAUL	2013/08/06		C-DSUB-0066	A3
M	ELX-I-20760	MP	2015/05/02	chr	ALIAS BABU	2013/08/06		type	Product Customer Drawing
				appd	BIJU K PAUL	2013/08/06			
sheet index	revision	M							
	sheet	1							

Mouser Electronics

Authorized Distributor

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[DC37S565GTLF](#) [DD50P565MTXLF](#) [DD50S565MTLF](#) [DE09P564LF](#) [DE09S564LF](#) [DA15P565MTXLF](#)
[DA15S565MTLF](#) [DB25S564CTLF](#) [DB25S565MTLF](#) [DD50P564TXLF](#) [DD50S564TLF](#) [DE09P564CTXLF](#)
[DE09P565MTXLF](#) [DE09S564TLF](#) [DE09S565MTLF](#) [DA15P564GTXLF](#) [DA15S564GTLF](#) [DB25P564GTXLF](#)
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