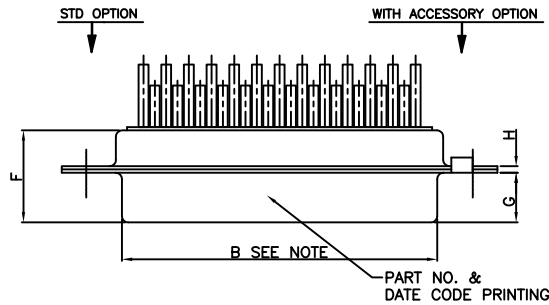
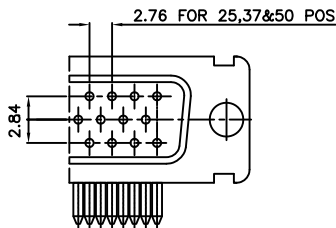




LAYOUT OF 50 POS. CONNECTOR



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	: ≤25mΩ
INSULATION RESISTANCE	: ≥5000 MΩ
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	DIMPLES X-ON MALE CONNECTORS ONLY SHELL PLATING BLANK-ZINC T-STD. TIN LEAD OVER Cu
NO. OF CONTACTS	09, 15, 25, 37, 50	OPTIONS BLANK - STANDARD G - HARPOON M - METAL BRACKET C - WITHOUT BRACKET
CONTACTS	P - PIN S - SOCKET	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:

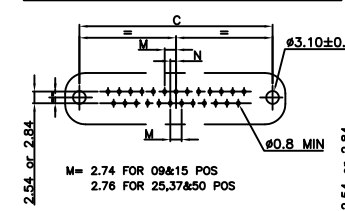
- 1) GENERAL VIEW SHOWN IS OPTION C
- 2) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR

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

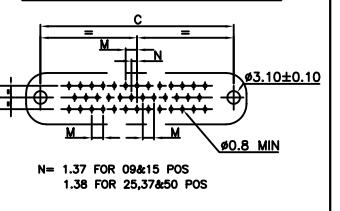
The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.

Packaging as per GS-14-920

PCB DRILLING DETAIL - 09 TO 37 POS



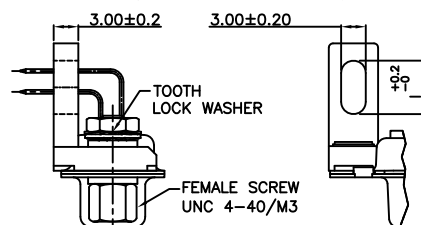
PCB DRILLING DETAIL - 50 POS



SCALE 2:1

SCREW LOCK WITH NUT, WASHER & PLASTIC BRACKET

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

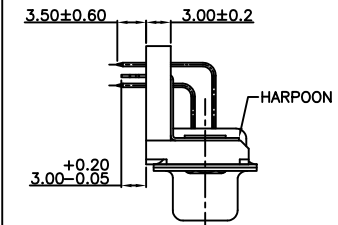


I = 6.5 (9-37 POS)
I = 7.4 (50 POS)

BRACKET DETAILS

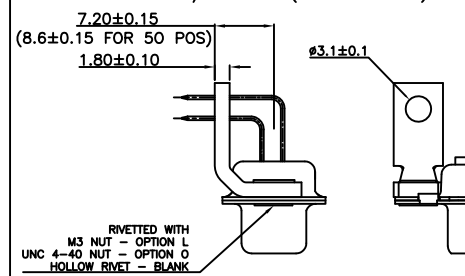
HARPOON WITH PLASTIC BRACKET

- OPTION: - G



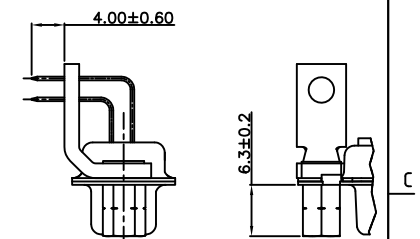
VIEW WITH RIVET & METAL BRACKET

- 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	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							
index	sheet	1							