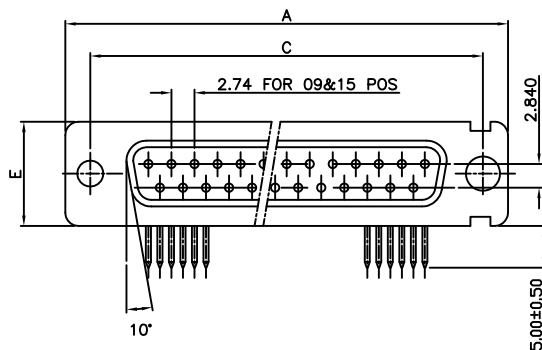
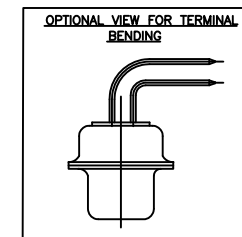
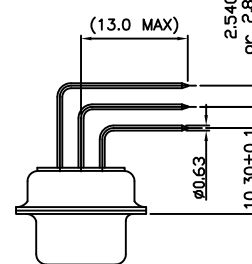
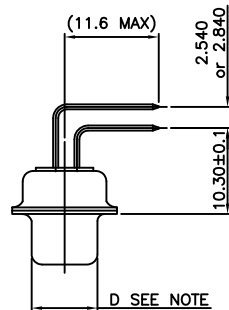
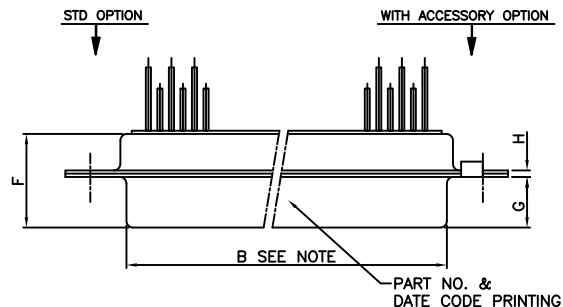
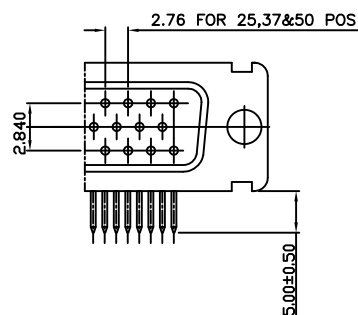




LAYOUT OF 50 POS. CONNECTOR



TECHNICAL SPECIFICATIONS

SHELLS	: TIN PLATED STEEL
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
CONTACTS DIA ON ACTIVE AREA	: Ø1 MM.
CONTACTS MATERIAL	: COPPER ALLOY
CONTACT PLATING	: GXT / GOLD OVER NICKEL
OPERATING TEMPERATURE	: -55°C +125°C
OPERATING CURRENT	: 7.5 A PER CONTACT
CONTACT RESISTANCE	: ≤ 7.3 m Ω
INSULATION RESISTANCE	: ≥ 5000 M Ω
MAXIMUM VOLTAGE	: 1000 V r.m.s
MECHANICAL ENDURANCE	: 500 MATINGS MIN. FOR CODE 65 200 MATINGS MIN. FOR CODE 64
DAMP HEAT	: 56 DAYS FOR CODE 65 21 DAYS FOR CODE 64

SERIES	D B P V 25 P 5 64 C T X XXX LF	LEAD FREE
SHELL SIZE	E A B C D	SPECIAL CODES
CHARACTERISATION	F-D SERIES	DIMPLES
OPTIONS-1	BLANK-STANDARD L-CLINCH NUT (M3) O-CLINCH NUT (UNC) V-FEM. SCREW LOCK HEX. (UNC)	X-ON MALE CONNECTORS ONLY
OPTIONS-2	NO. OF CONTACTS 09,15,25,37,50	SHELL PLATING T-STD TIN over Cu
CONTACTS	P - PIN S - SOCKET	TERMINATION TYPE 5-ANGLED SPILL 2.54mm BETWEEN ROWS 8-ANGLED SPILL 2.84mm BETWEEN ROWS
TERMINATION TYPE		CONTACT PLATING BLANK-WITH PLASTIC BRACKET G-HARPOON M-METAL BRACKET C-WITHOUT BRACKET

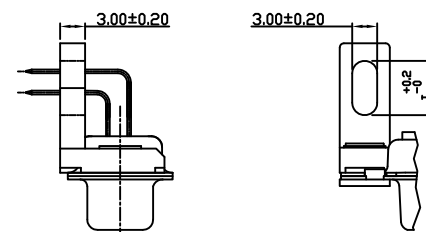
- NOTES:
1) GENERAL VIEW SHOWN IS OPTION C
2) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR
3) REFER DRG: C-DSUB-0186 FOR PCB LAYOUT

"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

WITH PLASTIC BRACKET

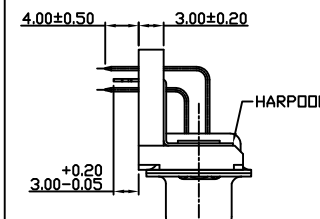


I = 6.5 (9-37 POS)
I = 7.4 (50 POS)

BRACKET DETAILS

HARPOON WITH PLASTIC BRACKET

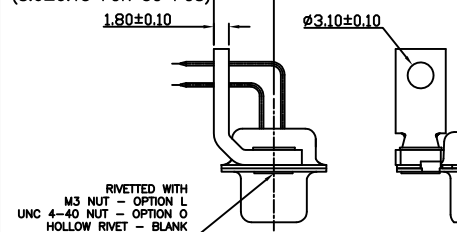
OPTION: - G



VIEW WITH RIVET & METAL BRACKET

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

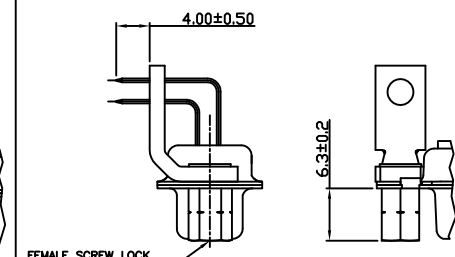
7.20±0.15
(8.6±0.15 FOR 50 POS)



RIVETTED WITH
M3 NUT - OPTION L
UNC 4-40 NUT - OPTION O
HOLLOW RIVET - BLANK

VIEW WITH RIVETED FEMALE SCREW & METAL BRACKET

OPTION: - V WITH M (METAL BRACKET)



FEMALE SCREW LOCK
4-40 UNC 2B

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101	MM	D-SUB
ltr	ecn no	dr	date	title
G	106-0074	GVJ	2006/06/08	D-SUB A/S CONNECTOR
H	108-0047	MRA	2008/03/25	(DP SERIES WITH ASSEMBLY OPTIONS)
J	109-0075	MRA	2009/05/14	dwg no
K	111-0016	MRA	2010/09/02	sheet 1 of 1
L	ELX-1-20760	MP	2015/05/02	size
				A3
				type
				Product Customer Drawing
sheet	revision	L		
index	sheet	1		

50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	1.0
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	0.8
37	P	68.94	55.30	63.50	8.23	12.17	11.09	5.85	1.0
	S	68.94	54.71	63.50	7.77	12.17	11.21	6.05	0.8
25	P	52.65	38.84	47.04	8.23	12.17	11.09	5.85	0.8
	S	52.65	38.25	47.04	7.77	12.17	11.21	6.05	0.8
15	P	38.76	25.12	33.32	8.23	12.17	10.99	5.85	0.8
	S	38.76	24.54	33.32	7.77	12.17	11.21	6.05	0.8
09	P	30.43	16.79	24.99	8.23	12.17	10.99	5.85	0.8
	S	30.43	16.21	24.99	7.77	12.17	11.21	6.05	0.8
D	SHELL SIZE	A+0.76	B+0.25	C±0.12	D-0.0	E+0.76	F MAX	G+0.15	H-0.22