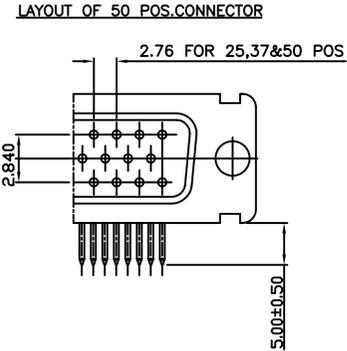
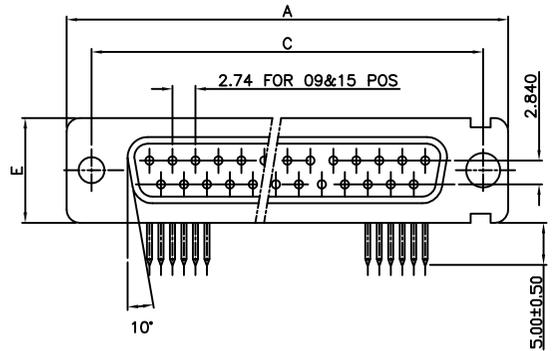
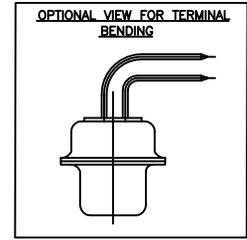
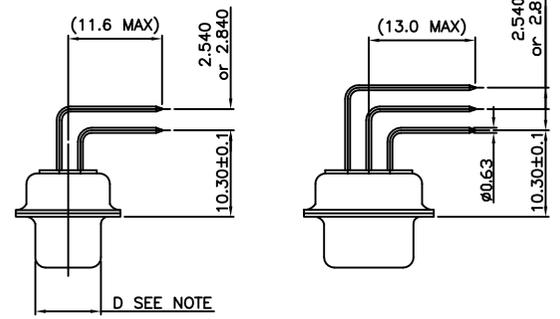
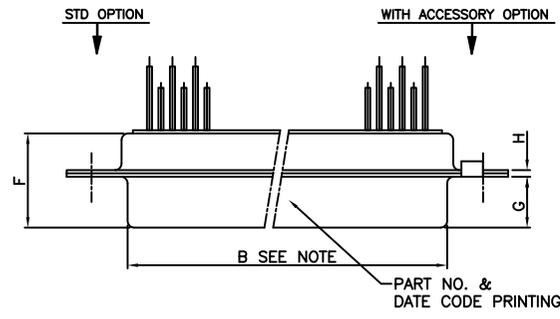




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TECHNICAL SPECIFICATIONS

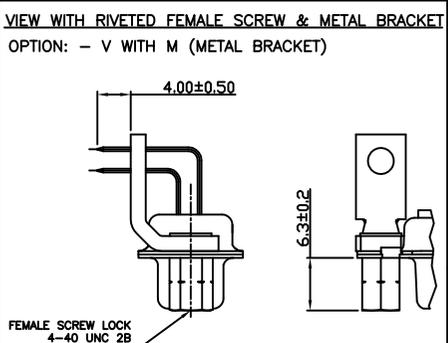
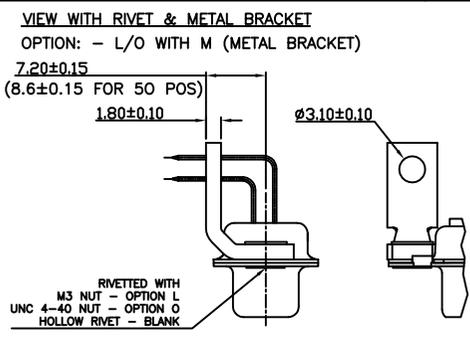
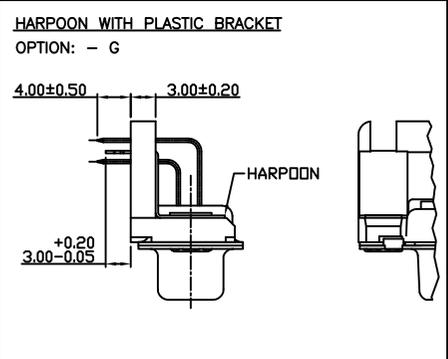
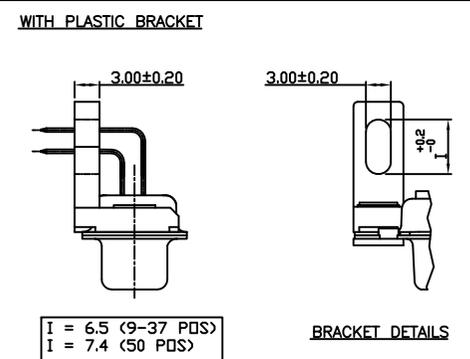
SHELLS : TIN PLATED STEEL  
 INSULATOR MATERIAL : SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 V0. THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265° C IF WE USE PROTECTIVE ADHESIVE (Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE  
 CONTACTS DIA ON ACTIVE AREA : Ø1 MM.  
 CONTACTS MATERIAL : COPPER ALLOY  
 CONTACT PLATING : GXT / GOLD OVER NICKEL  
 OPERATING TEMPERATURE : -55°C +125°C  
 OPERATING CURRENT : 7.5 A PER CONTACT  
 CONTACT RESISTANCE : <math>\leq 7.3\text{ m}\Omega</math>  
 INSULATION RESISTANCE : >math>\geq 5000\text{ M}\Omega</math>  
 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 SPECIAL CODES  
 E,A,B,C,D DIMPLES  
 CHARACTERISATION X-ON MALE CONNECTORS ONLY  
 F-DP SERIES SHELL PLATING  
 OPTIONS-1 T-STD TIN over Cu  
 BLANK-STANDARD L-CLINCH NUT (M3)  
 C-CLINCH NUT (UNC) G-HARPOON  
 V-FEM. SCREW LOCK HEX. (UNC) M-METAL BRACKET  
 C-WITHOUT BRACKET  
 NO. OF CONTACTS CONTACT PLATING  
 09,15,25,37,50  
 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

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
	SHELL SIZE	A	+0.76	B	+0.25	C	±0.12	D	+0.25
		A	-0	B	-0	C	-0	D	-0
							F MAX	G	+0.15
								H	+0.22

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



mat'l. code	-	surface	ISO 1302	tolerance	ISO 406 ISO 1101	projection	product family	D-SUB
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title	D-SUB A/S CONNECTOR
G	106-0074	GVJ	2006/06/08	angles		scale 4:1	(DP SERIES WITH ASSEMBLY OPTIONS)	
H	108-0047	MRA	2008/03/25	linear	.00±.06			
J	109-0075	MRA	2009/05/14	0'±2'				
K	111-0016	MRA	2010/09/02	dr	MINI K VANDANATH 1999/03/20		dwg no	sheet 1 of 1
L	ELX-1-20760	MP	2015/05/02	engr	MITHUN PAUL 2015/05/02		C-DSUB-0069	A3
				chr	ALIAS BABU 2015/05/02		type	Product Customer Drawing
				appd	BIJU K PAUL 2015/05/02			
sheet index	revision	L						
	sheet	1						