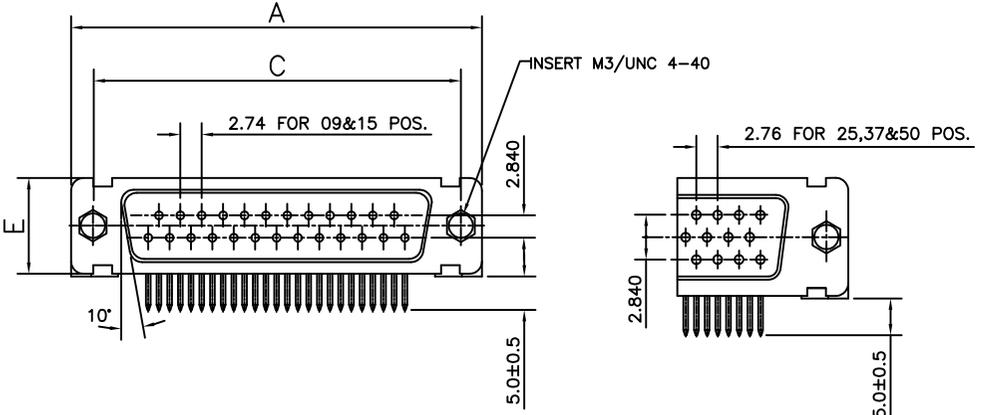
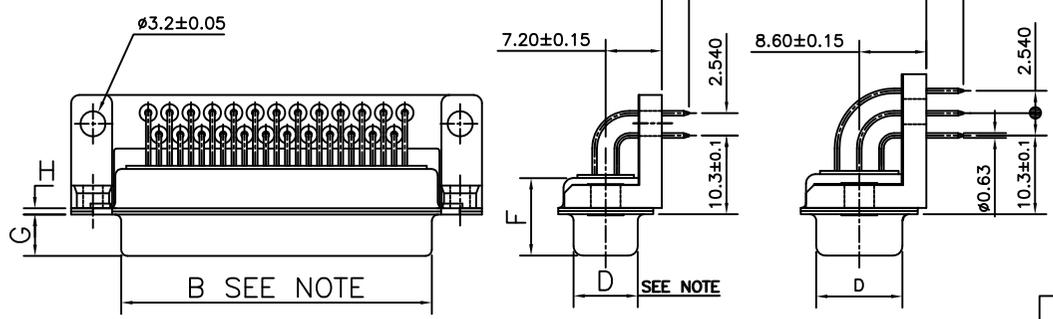




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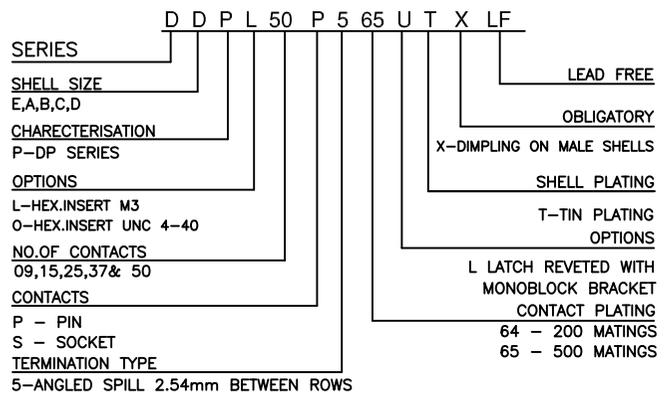
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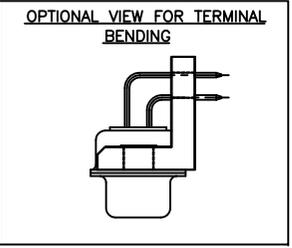


LAYOUT OF 50 POS. CONNECTOR

ORDERING INFORMATION



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



TECHNICAL SPECIFICATIONS

SHELLS	:	STEEL, TIN PLATED
INSULATOR MATERIAL	:	SELF EXTINGUISHING THERMOPLASTIC UL CLASS 94 V0
CONTACTS DIA ON ACTIVE AREA	:	ø1 MM.
CONTACTS MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	GOLD OVER NICKEL
OPERATING TEMPERATURE	:	-55°C +125°C
OPERATING CURRENT	:	7.5 A PER CONTACT
CONTACT RESISTANCE	:	≤7.3mΩ
INSULATION RESISTANCE	:	>5000 MΩ
MAXIMUM VOLTAGE	:	1000 V.r.m.s
MECHANICAL ENDURANCE	:	500 MATINGS
DAMP HEAT	:	21 DAYS FOR PLATING CODE 64 56 DAYS FOR PLATING CODE 65

"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

NOTE:  
1) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR  
2) REFER DRG: C-DSUB-0186 FOR PCB LAYOUT

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406 ISO 1101		MM		D-SUB	
ltr		ecn no		dr		date		title	
B		107-0025		GVJ		2007/02/14		MALE A/S CONNECTOR	
C		ELX-I-20760		MP		2015/05/02		UT VERSION	
								scale	
				dr		MINI K VANDANATH		2003/01/24	
				engr		MITHUN PAUL		2015/05/02	
				chr		ALIAS BABU		2015/05/02	
				appd		BIJU K PAUL		2015/05/02	
sheet index		revision		C				sheet 1 of 1	
		sheet		1				size A3	
								type Product Customer Drawing	

# Mouser Electronics

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