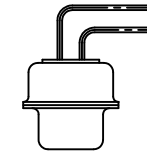
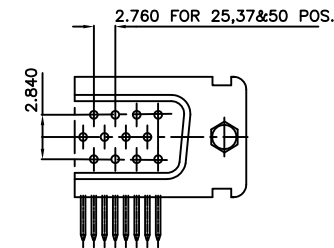
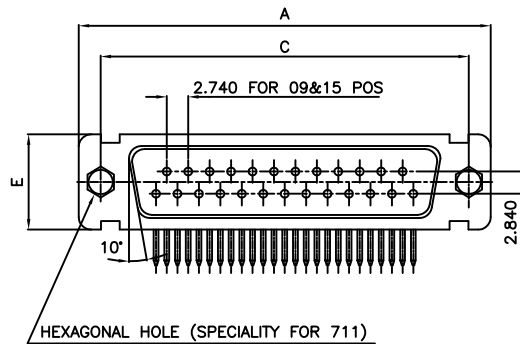


#### OPTIONAL VIEW FOR TERMINAL BENDING



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

PART & NUMBER AND DATE CODE PRINTING



LAYOUT OF 50 POS.CONNCTOR

#### TECHNICAL SPECIFICATIONS

SHELLS	:	TIN PLATED STEEL
INSULATOR MATERIAL	:	SELF EXTINGUISHING THERMOPLASTIC- TO 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	:	≤7.3 mΩ
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	:	56 DAYS FOR CODE 65 21 DAYS FOR CODE 64

#### NOTE:

- 1) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR
- 2) 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

ORDERING INFORMATION														
SERIES	D	B	P	25	P	5	64	C	T	X	711	LF	LEAD FREE	
SHELL SIZE	E,A,B,C,D											HEXAGONAL FRONT SHELL		
CHARACTERISATION	P-DP SERIES											DIMPLES		
P-DP SERIES												X-ON MALE CONNECTORS ONLY		
OPTIONS-1												SHELL PLATING		
BLANK-STANDARD												T-TIN over Cu		
NO.OF CONTACTS	09,15,25,37,50											OPTIONS-2		
CONTACTS	P - PIN S - SOCKET											C-WITHOUT BRACKET		
TERMINATION TYPE	5-ANGLED SPILL 2.54mm BETWEEN ROWS 8-ANGLED SPILL 2.84mm BETWEEN ROWS											CONTACT PLATING		
												64 - 200 MATING CYCLES		
												65 - 500 MATING CYCLES		

mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302		ISO 406 ISO 1101		D-SUB		D-SUB			
ltr	ecn no	dr	date	tolerances unless otherwise specified				MM		title			
B	106-0074	GVJ	2006/06/08	angles		linear				D-SUB DP A/S CONNECTOR			
C	ELX-I-20930	MP	2015/05/20	0°±2°		.00±0.06		scale		(FOR SPECIAL CODE 711)			
				dr		Mini K Vandanaath		2005/11/22		dwg no			
				enr		Mithun Paul		2015/05/20		sheet 1 of 1			
				chr		Alias Babu		2015/05/20		size			
				appd		BijuK.Paul		2015/05/20		A3			
sheet				revision		C				type			
index				sheet		1				Product Customer Drawing			

# Mouser Electronics

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