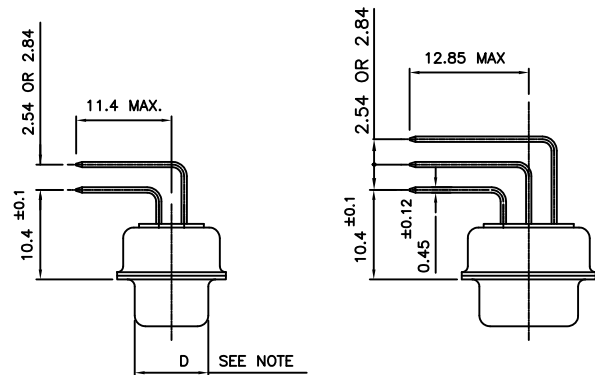
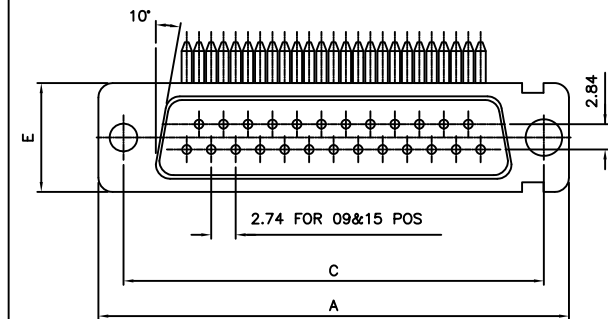
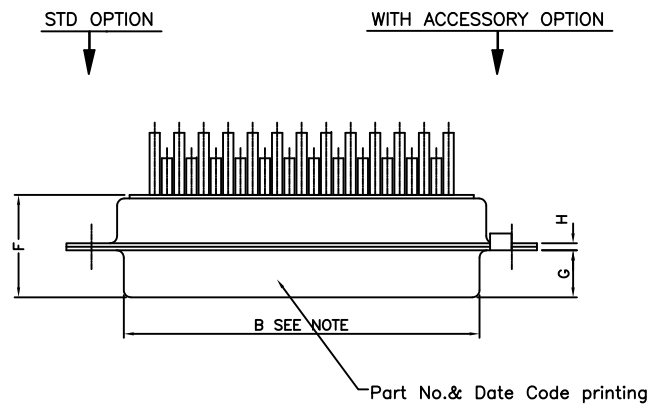




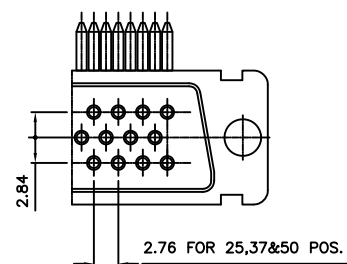
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form: A3



LAYOUT OF 50 POS. CONNECTOR



ORDERING INFORMATION

SERIES

SHELL SIZE

E, A, B, C, D

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

NO.OF CONTACTS

09, 15, 25, 37, 50

CONTACTS

P - PIN
S - SOCKET

LEAD FREE

SPECIAL CODES

DIMPLES

X-ON MALE CONNECTORS ONLY

SHELL PLATING

BLANK-ZINC
T-STD. TIN LEAD Over Cu

OPTIONS

BLANK - STANDARD
G - HARPOON
M - METAL BRACKET
C - WITHOUT BRACKET

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

50	P	66.93	52.80	61.11	11.20	15.37	11.09	5.75	1.0
	S	66.93	52.42	61.11	10.74	15.37	11.21	6.05	0.9
37	P	69.32	55.42	63.50	8.35	12.55	11.09	5.75	1.0
	S	69.32	54.83	63.50	7.89	12.55	11.21	6.05	0.9
25	P	53.03	38.96	47.04	8.35	12.55	11.07	5.75	0.9
	S	53.03	38.37	47.04	7.89	12.55	11.21	6.05	0.9
15	P	39.14	25.24	33.32	8.35	12.55	10.99	5.85	0.9
	S	39.14	24.66	33.32	7.89	12.55	11.21	6.05	0.9
09	P	30.81	16.91	24.99	8.35	12.55	10.99	5.85	0.9
	S	30.81	16.33	24.99	7.89	12.55	11.21	6.05	0.9
SHELL SIZE		±0.38 A	±0.13 B	±0.13 C	±0.13 D	±0.38 E	F MAX	+0.25 G-0	±0.12 H

NOTE: INSIDE DIMENSION OF MALE AND OUTSIDE -
DIMENSION OF THE FEMALE CONNETOR

TECHNICAL SPECIFICATIONS

SHELLS	: TIN / ZINC 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	: ≤25m 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	: 21 DAYS.

"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

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			
Itr	ecn no	dr	date	tolerances unless otherwise specified		MM 	title D-SUB A/S CONNECTOR WITH FOOT PRINT 10.4 mm (WITH ASSEMBLY OPTIONS)			
G	i06-0074	GVJ	2006/06/08	angles	linear					
H	i08-0139	MRA	2008-10-13			scale -	dwg no C-DSUB-0066			
J	I09-0075	MRA	2009-05-14							
K	I11-0003	MRA	2011-01-06	dr	Mini K Vandanath	1999/03/20				
				enr	Abhilash M.R	2008-10-11				
				chr	Abhilash M.R	2008-10-11				
				appd	Sudhir Varma	2008-10-11				
sheet index	revision sheet	K 1								

PDM: Rev:K

STATUS:Released

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