



FCIconnect.com

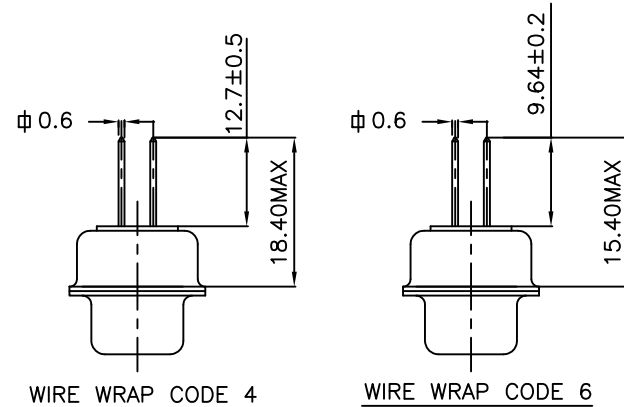
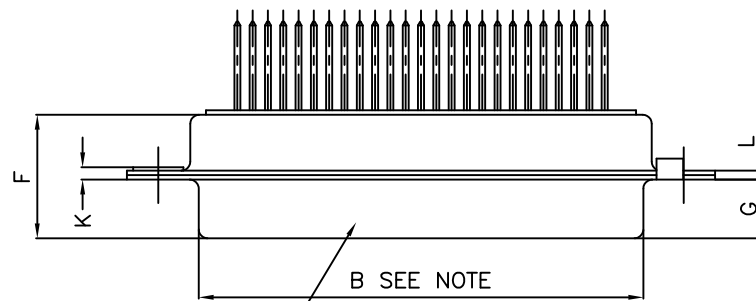
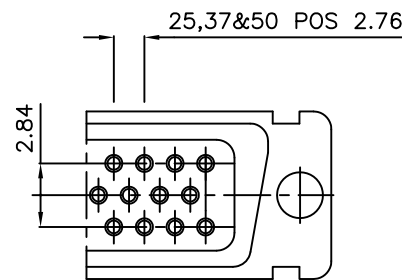
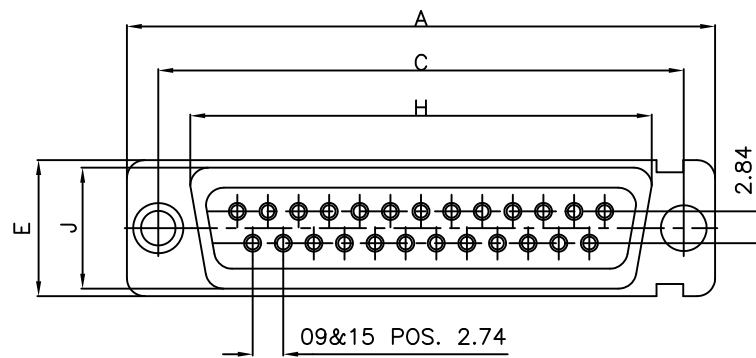
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form: A3

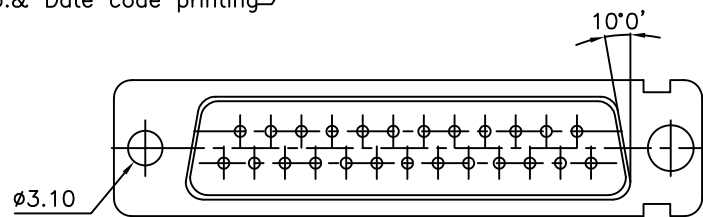
STD MOUNTING

FLOAT MOUNTING

LAYOUT OF 50 POS.CONNECTOR



Part No.& Date code printing

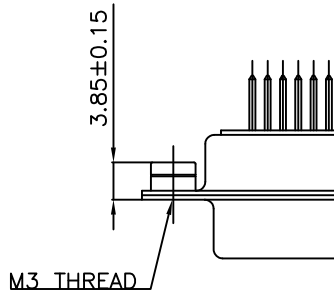


VIEW OF MATING FACE

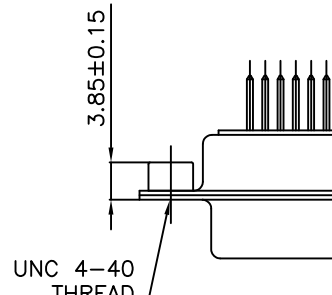
M3 RIVETTING NUT

UNC 4-40 RIVETTING NUT

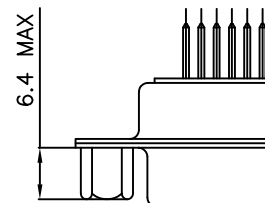
HEXAGONAL FEMALE SCREW-
LOCK UNC 4-40



OPTION:- L



OPTION:- O



OPTION:- V

50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	55.07	13.31	1.10	0.8
37	P	68.94	55.30	63.50	8.23	12.17	11.09	5.85	57.45	10.46	1.50	1.0
	S	68.94	54.71	63.50	7.77	12.17	11.21	6.05	57.45	10.46	1.10	0.8
25	P	52.65	38.84	47.04	8.23	12.17	11.07	5.85	41.02	10.46	1.10	0.8
	S	52.65	38.25	47.04	7.77	12.17	11.21	6.05	41.02	10.46	1.10	0.8
15	P	38.76	25.12	33.32	8.23	12.17	10.99	5.85	27.25	10.46	1.10	0.8
	S	38.76	24.54	33.32	7.77	12.17	11.21	6.05	27.25	10.46	1.10	0.8
09	P	30.43	16.79	24.99	8.23	12.17	10.99	5.85	19.02	10.46	1.10	0.8
	S	30.43	16.21	24.99	7.77	12.17	11.21	6.05	19.02	10.46	1.10	0.8
SHELL SIZE		A-0	B-0	C	D-0	E-0	F MAX	G-0	H-0	J-0	K±0.20	L-0
		+0.76	+0.25	±0.12	+0.25	+0.76		+0.15	+0.51	+0.51		+0.22

NOTE:-INSIDE DIMENSIONS OF MALE AND OUTSIDE DIMENSIONS OF THE FEMALE CONNECTOR.

TECHNICAL SPECIFICATIONS

SHELLS : TIN/ZINC PLATED
INSULATOR MATERIAL : SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0
THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C
IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)
OR PROTECTIVE METALLIC DEVICE

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 FOR CODE 65
: 200 MATINGS FOR CODE 64

DAMP HEAT : 56 DAYS FOR CODE 65
: 21 DAYS FOR CODE 64

LEAD FREE NOTE

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

Packaging as per GS-14-920

ORDERING INFORMATION

SERIES	D	B	P	V	25	P	4	64	T	X	XXX	XX	LF -LEAD FREE
SHELL SIZE													SPECIAL CODES
E.A.B.C.D													DIMPLES- OPTIONAL
CHARECTERISATION													X-ON MALE CONNECTORS ONLY
P-DP SERIES													SHELL PLATING
OPTIONS													T-STD. TIN LEAD over Cu or Zinc Cr 3
BLANK-STANDARD HOLE													OPTIONS
L-CLINCH NUT (M3)													BLANK-STANDARD
O-CLINCH NUT (UNC)													CONTACT PLATING
V-FEM. SCREW LOCK HEX. (UNC)													64 - 200 MATING CYCLES
NO.OF CONTACTS													65 - 500 MATING CYCLES
09,15,25,37,50													TERMINATION TYPE
CONTACTS													4-WIRE WRAP TERMINATION 12.70MM
P - PIN													6 -WIRE WRAP TERMINATION 9.64MM
S - SOCKET													

mat'l. code SEE NOTE 4				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection MM	product family			
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title			
C	i06-0074	GVJ	2006/06/08	angles	linear		D-SUB W/W CONNECTOR (DP SERIES WITH ASSEMBLY OPTIONS)			
D	I11-0003	AMR	2011/01/06			scale -	dwg no sheet 1 of 1 size			
				dr	Mini K Vandanath	1999/03/20	FCI			
				enr	George V Joseph	1999/03/20	C-DSUB-0149			
				chr	George V Joseph	2006/06/23	A3			
				appd	K-V SIVADAS	2006/06/23	type Product Customer Drawing			
sheet index	revision sheet	D 1								

PDM: Rev:D

STATUS: Released

Printed: May 03, 2011