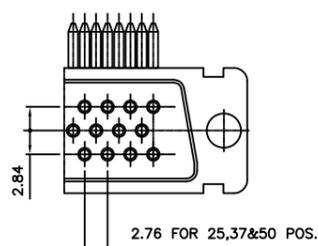
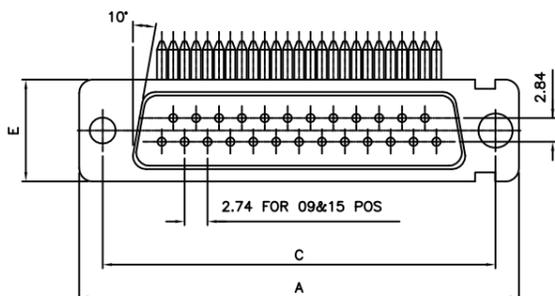


LAYOUT OF 50 POS. CONNECTOR



ORDERING INFORMATION

SERIES	D B V 25 P 5 64 C T X XXX LF	LEAD FREE
SHELL SIZE	E, A, B, C, D	SPECIAL CODES
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	DIMPLES X-ON MALE CONNECTORS ONLY
NO.OF CONTACTS	09,15,25,37,50	SHELL PLATING BLANK-ZINC T-STD. TIN LEAD Over Cu
CONTACTS	P - PIN S - SOCKET	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	A	±0.38	±0.13	±0.13	±0.13	±0.38	F MAX	+0.25	±0.12
	B							G-0	
	C								H

NOTE: INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR

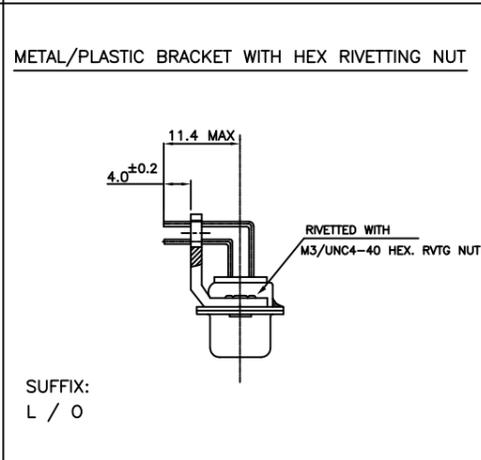
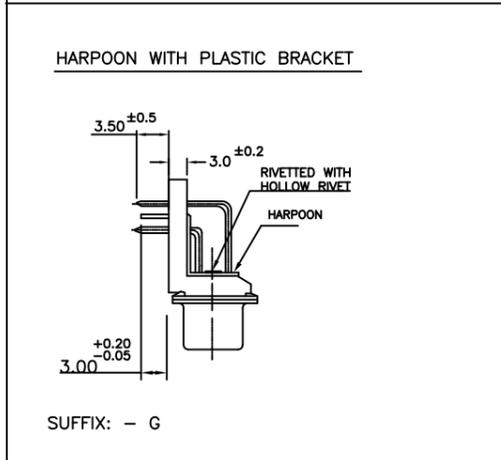
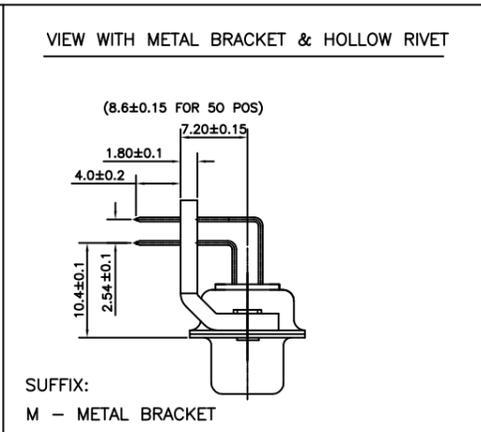
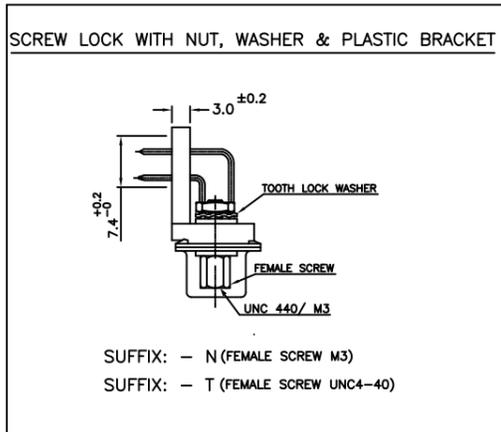
TECHNICAL SPECIFICATIONS

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 MM	product family
ltr	ecn no	dr	date	title
G	i06-0074	GVJ	2006/06/08	D-SUB A/S CONNECTOR WITH FOOT PRINT 10.4 mm (WITH ASSEMBLY OPTIONS)
H	i08-0139	MRA	2008-10-13	
J	i09-0075	MRA	2009-05-14	
K	i11-0003	MRA	2011-01-06	
dr	Mini K Vandanath	1999/03/20		dwg no
enr	Abhilash M.R	2008-10-11		sheet 1 of 1
chr	Abhilash M.R	2008-10-11		size
appd	Sudhir Varma	2008-10-11		A3
sheet index	revision sheet	K 1		type Product Customer Drawing