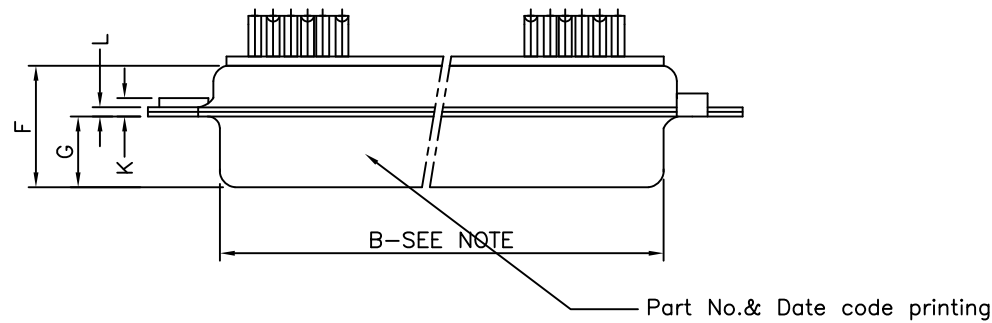
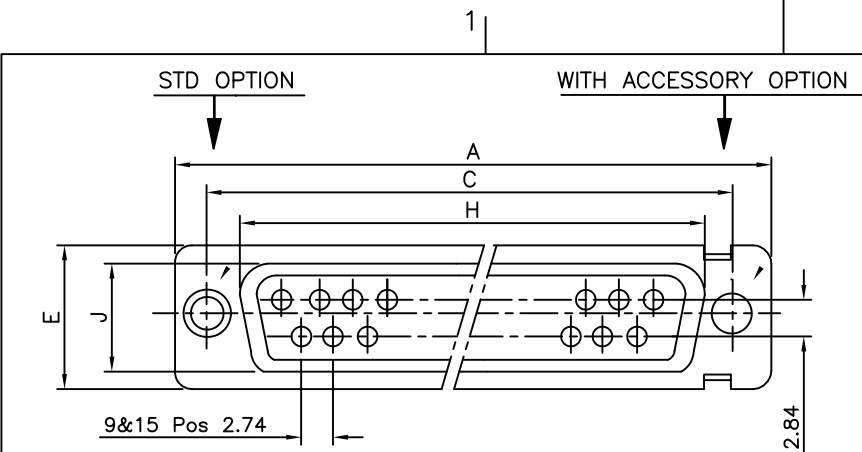


VIEW OF MATING FACE

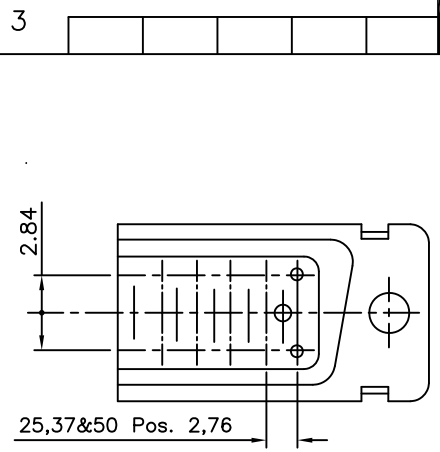
"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

Packaging as per GS-14-920

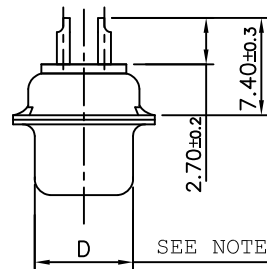
Housing will withstand exposure to 260°C peak temp for 3.5sec

ORDERING INFORMATION

SERIES	D B V 25 P 0 64 H T X B XXX LF	LEAD FREE
SHELL SIZE	E,A,B,C,D	SPECIAL CODES
OPTIONS	BLANK-STANDARD F - FLOAT MOUNTING L - CLINCH NUT (M3) O - CLINCH NUT (UNC) V - FEM. SCREW LOCK HEX. (UNC)	INSULATOR COLOUR BLANK- NATURAL B - BLACK
NO.OF CONTACTS	09,15,25,37,50	DIMPLES X-ON MALE CONNECTORS ONLY
CONTACTS	P - PIN S - SOCKET	SHELL PLATING BLANK-ZINC T-STD. TIN over Cu
TERMINATION TYPE	0 - SOLDER BUCKET	OPTIONS BLANK - STD H - WITH SHIELDING TERMINATION FINGERS
		CONTACT PLATING 64 - 200 Mating cycles 65 - 500 Mating cycles



LAY OUT OF 50P CONNECTOR



TECHNICAL SPECIFICATIONS

SHELLS	:	MATT TIN / ZINC PLATED STEEL
INSULATOR MATERIAL	:	SELF EXTINGUISHING THERMOPLASTIC - UL CLASS 94 V0 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	:	GXT / GOLD OVER NICKEL (ACTIVE ZONE) TIN OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	:	2 µMIN. TIN TOP OVER 1.27 µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
OPERATING TEMPERATURE	:	-55°C +125°C
OPERATING CURRENT	:	5 A PER CONTACT
CONTACT RESISTANCE	:	≤10m Ω
INSULATION RESISTANCE	:	≥5000M Ω
MAXIMUM VOLTAGE	:	1000 V.r.m.s
MECHANICAL ENDURANCE	:	200 MATINGS (For 64 code) 500 MATINGS (For 65 code).
DAMP HEAT	:	21 DAYS.
WIRE SIZE	:	0.6 MM ² (AWG 20) MAX.

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	+0,76 0	+0,25 0	±0,12 C	+0,25 D 0	+0,76 E 0	F MAX	+0,15 G 0	+0,51 H 0	+0,51 J 0	±0,2 K	+0,22 L 0
	DIMENSIONS											

NOTE:- 1) INSIDE DIMENSIONS OF THE MALE AND OUTSIDE DIMENSIONS OF THE FEMALE CONNECTOR
2) ALL ACCESSORIES SHOWN IN ASSEMBLY OPTIONS SHOULD BE ORDERED SEPARATELY

ASSEMBLY OPTIONS

FEMALE SCREW LOCK EXTENDED TYPE

UNC 4-40,2B
THREAD

ORD CODE 8630-01-061

FEMALE SCREW LOCK

EXTERNAL THREAD

INTERNAL THREAD

8630-01LF	M3	M3
8630-01ALF	M3	4-40 UNC 2B
8630-01BLF	4-40 UNC 2A	4-40 UNC 2B
8630-01CLF	4-40 UNC 2A	M3
ORD-CODE	EXTERNAL THREAD	INTERNAL THREAD

MALE LEVER LOCK

ORD CODE 8630-3427(EABC)

ORD CODE 8630-3428(D)

CONNECTOR WITH SPECIAL RIVETTED

FEMALE SCREW LOCK

6.4 MAX
UNC 4-40,2B
THREAD
PREFIX: V

WITH SHIELDING TERMINATION FINGERS

OPTION: H

FEMALE LEVER LOCK

ORD CODE 8630-3425(EABC)

ORD CODE 8630-3426(D)

mat'l. code SEE NOTE 4				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family D-SUB			
ltr	ecn no	dr	date	tolerances unless	otherwise specified	MM 	title D- SUB SOLDER BUCKET CONNECTOR (WITH ASSEMBLY OPTIONS)			
N	I11-0003	AMR	2011-01-06	angles	linear					
-	-	-	-	0°±1°	.00±0.1	scale -	dwg no C-DSUB-0064			
H	I07-0175	MRA	2007-12-17		.000±.00X					
J	I08-0131	MRA	2008-10-06	dr	GEORGE.V.JOSEPH 1999-03-20		sheet 1 of 1 size A3			
K	I09-0121	MRA	2009-07-01	enr	GEORGE.V.JOSEPH 1999-03-20					
L	I09-0140	MRA	2009-07-14	chr	ABHILASH.M.R 2009-07-01					
M	I09-0195	MRA	2009-09-18	appd	SUDHIR.VARMA 2009-07-01					
sheet index	revision sheet	N	1							