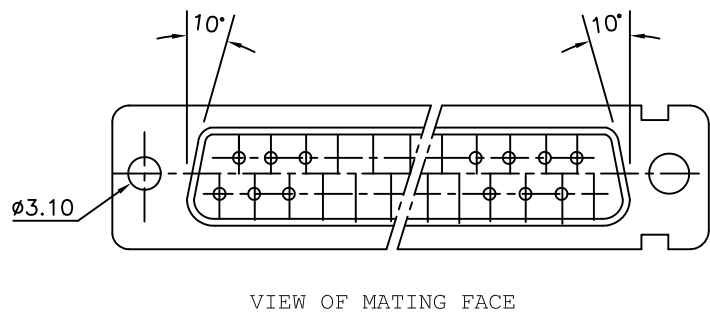
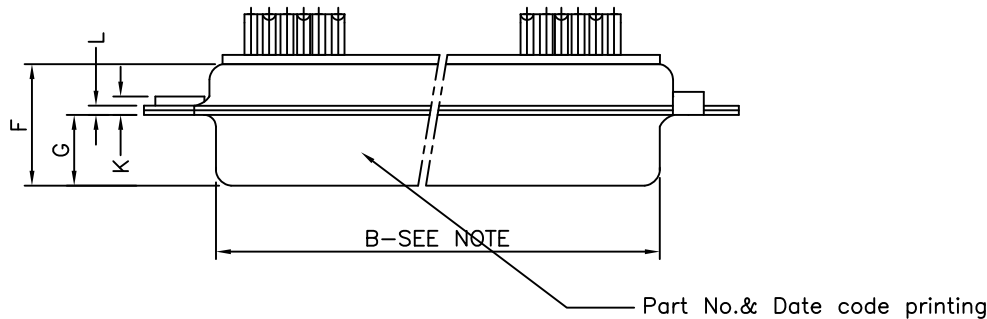
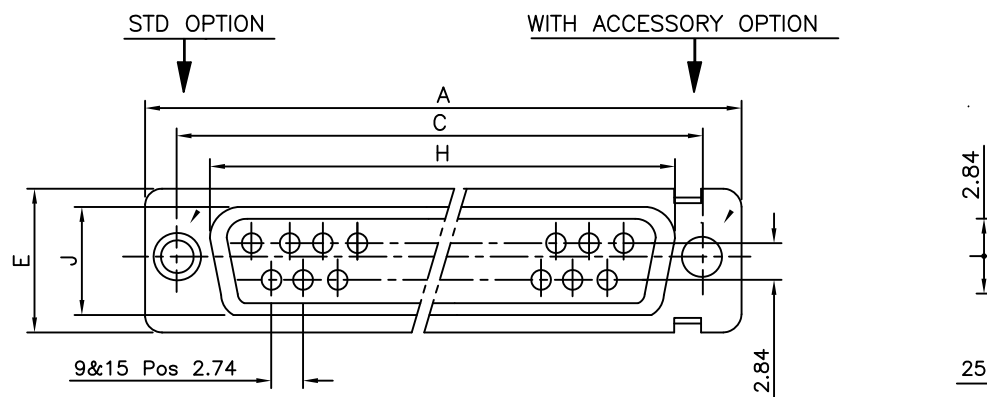




"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

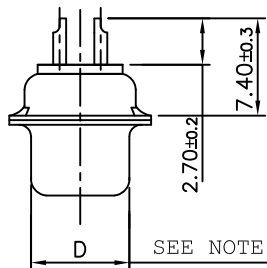
Packaging as per GS-14-920

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												INSULATOR COLOUR
OPTIONS	BLANK-STANDARD	F - FLOAT MOUNTING	L - CLINCH NUT (M3)	O - CLINCH NUT (UNC)	V - FEM. SCREW LOCK HEX. (UNC)	DIMPLES								BLANK-NATURAL
						X-ON MALE CONNECTORS ONLY								B - BLACK
						SHELL PLATING								
						BLANK-ZINC								
						T-STD. TIN over Cu								
						OPTIONS								
						BLANK - STD								
						H - WITH SHIELDING TERMINATION FINGERS								
						CONTACT PLATING								
						64 - 200 Mating cycles								
						65 - 500 Mating cycles								

LAY OUT OF 50P CONNECTOR



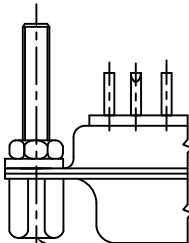
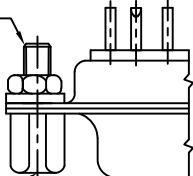
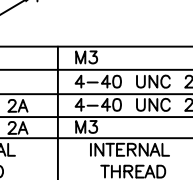
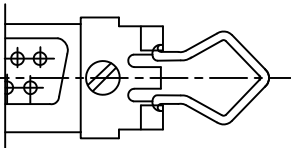
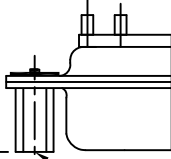
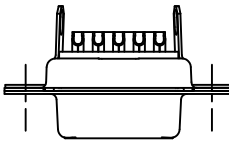
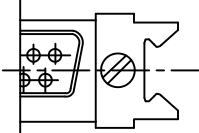
TECHNICAL SPECIFICATIONS

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 0	+0,76 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  ORD CODE 8630-01-061	FEMALE SCREW LOCK EXTERNAL THREAD  INTERNAL THREAD  <table><tr><td>8630-01LF</td><td>M3</td><td>M3</td></tr><tr><td>8630-01ALF</td><td>M3</td><td>4-40 UNC 2B</td></tr><tr><td>8630-01BLF</td><td>4-40 UNC 2A</td><td>4-40 UNC 2B</td></tr><tr><td>8630-01CLF</td><td>4-40 UNC 2A</td><td>M3</td></tr><tr><td>ORD-CODE</td><td>EXTERNAL THREAD</td><td>INTERNAL THREAD</td></tr></table>	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
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  PREFIX: V UNC 4-40,2B THREAD															
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	111-0003	AMR	2011-01-06	angles	linear													
-	-	-	-	0°±1°		.00±0.1 .000±.00X	dwg no sheet 1 of 1											
H	107-0175	MRA	2007-12-17															
J	108-0131	MRA	2008-10-06	dr	GEORGE.V.JOSEPH	1999-03-20	size A3											
K	109-0121	MRA	2009-07-01	enrg	GEORGE.V.JOSEPH	1999-03-20												
L	109-0140	MRA	2009-07-14	chr	ABHILASH.M.R	2009-07-01	type Product Customer Drawing											
M	109-0195	MRA	2009-09-18	appd	SUDHIR.VARMA	2009-07-01												
sheet index	revision sheet	N	1															