

ORDERING INFORMATION

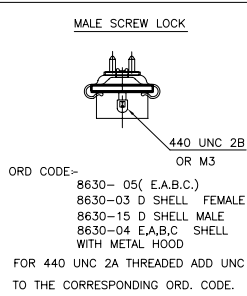
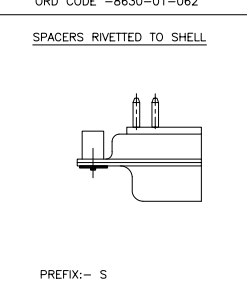
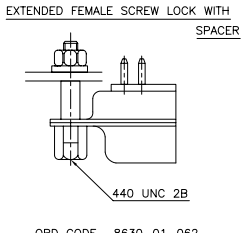
SERIES: D B V 25 P 3 64 G T X XXX LF LEAD FREE

SHELL SIZE: E A, B, C, D SPECIAL CODES

PANEL MOUNTING OPTIONS: BLANK-STANDARD, N-FEM. SCREW LOCK (UNC), S-SPACER RIVETED TO SHELL, O-CLINCH NUT (M3), G-CLINCH NUT (UNC), NO. OF CONTACTS (09-15, 25, 37, 50), CONTACTS (B - PIN, S - SOCKET), TERMINATION TYPE (3-STRAIGHT SPILL, 4-WIRE WRAP)

PCB MOUNTING OPTIONS: BLANK-STANDARD, G-HARPOON

CONTACT PLATING: 64 - Au FLASH, 65 - 0.75µ Au



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}	B ^{+0.25}	C ^{+0.12}	D ^{+0.25}	E ^{+0.76}	F ^{max}	G ^{+0.15}	H ^{+0.1}	J ^{+0.51}	K ^{+0.2}	L ^{+0.22}

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

TECHNICAL SPECIFICATIONS

SHELLS : TIN/ZINC PLATED STEEL

CONTACTS DIA ON ACTIVE AREA : #1 MM.

CONTACTS MATERIAL : COPPER ALLOY

CONTACT PLATING : 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 (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE

OPERATING TEMPERATURE : -55°C +125°C

OPERATING CURRENT : 5 A PER CONTACT

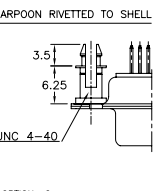
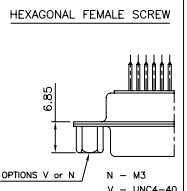
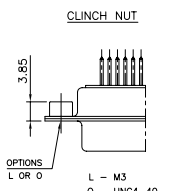
CONTACT RESISTANCE : <10m Ω

INSULATION RESISTANCE : >5000 M Ω

MAXIMUM VOLTAGE : 1000 V.r.m.s

MECHANICAL ENDURANCE : 500 MATINGS FOR >0.75µ GOLD PLATING
200 MATINGS FOR <0.40µ GOLD PLATING

DAMP HEAT : 56 DAYS FOR >0.75µ GOLD PLATING
21 DAYS FOR <0.40µ GOLD PLATING



mat'l. code	surface	tolerance	projection	product family
SEE NOTE 4	ISO 1302	ISO 406	MM	D-SUB S/S W/W CONNECTOR (WITH ASSEMBLY OPTIONS)
itr ecn no dr date	tolerances unless otherwise specified	angles	linear	scale
D 106-0074 G V J 2006/06/08				
E 109-0179 AMR 2009/09/04				
F 109-0195 AMR 2009/09/04				
dr	M H K Vandanah	1999/03/20		
enrg	George V Joseph	1999/03/20		
chr	Abhilash M R	2009/09/04		
appd	Sushir Varma	2009/09/04		
sheet index	revision sheet	F 1		

"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