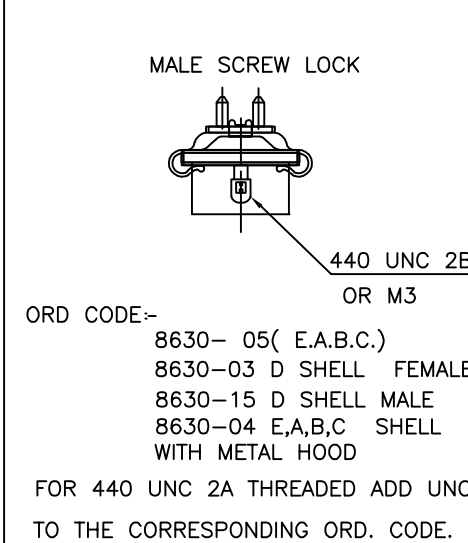
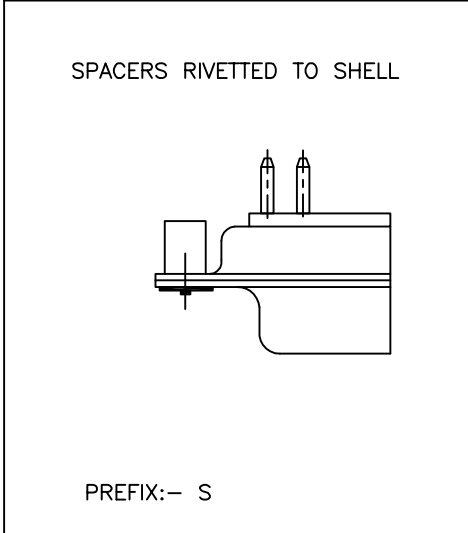
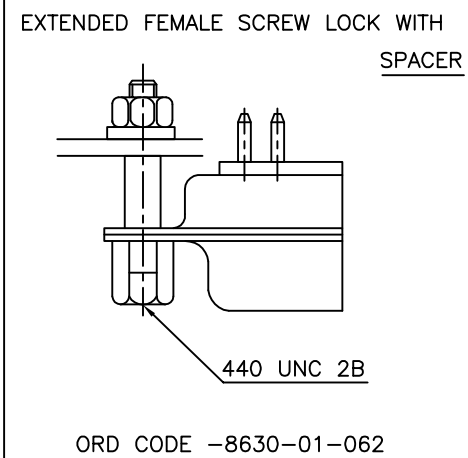


**ORDERING INFORMATION**

SERIES	D B V 25 P 3 64 C T X XXX LF	LEAD FREE
SHELL SIZE	E,A,B,C,D	SPECIAL CODES
OPTIONS	BLANK-STANDARD	DIMPLES
F-FLOAT MOUNTING	V-FEM. SCREW LOCK HEX. (UNC)	X-ON MALE CONNECTORS ONLY
W-RIVETED FEM. SCREW LOCK ROUND UNC	N-THREADED FEM. SCREW LOCK M3	SHELL PLATING
L-CLINCH NUT (M3)	O-CLINCH NUT (UNC)	BLANK-ZINC
S-SPACER RIVETTED TO SHELL (S/S ONLY)	NO.OF CONTACTS	T-STD. TIN LEAD Over Cu or Zinc Cr3
09,15,25,37,50	CONTACTS	OPTIONS
P - PIN	S - SOCKET	BLANK-STANDARD
TERMINATION TYPE		H-SHIELDING TERMINATION FINGERS
0-SOLDER BUCKET		G-HARPOON
3-STRAIGHT SPILL		M-METAL BRACKET
4-WIRE WRAP		C-WITHOUT BRACKET
5-ANGLED SPILL 2.54mm BETWEEN ROWS		CONTACT PLATING
8-ANGLED SPILL 2.84mm BETWEEN ROWS		BLANK-0.2 μ Au
9-ANGLED SPILL (US) 2.84mm BETWEEN ROWS		64 - Au FLASH
		65 - 0.75 μ Au
		67 - 0.4 μ 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 <sup>+0.76</sup>	B <sup>+0.25</sup>	C <sup>±0.12</sup>	D <sup>+0.25</sup>	E <sup>+0.76</sup>	F <sup>MAX</sup>	G <sup>+0.15</sup>	H <sup>+0.51</sup>	J <sup>+0.51</sup>	K <sup>±0.2</sup>	L <sup>+0.22</sup>

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

**TECHNICAL SPECIFICATIONS**

SHELLS	: TIN/CADMIUM/ZINC PLATED STEEL
CONTACTS DIA ON ACTIVE AREA	: Ø1 MM.
CONTACTS MATERIAL	: COPPER ALLOY
CONTACT PLATING	: GOLD OVER NICKEL (ACTIVE ZONE) TINLEAD OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	: 2 μ MIN.MATTE TIN TOP OVER 1.27 μ 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

"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	tolerance	projection	product family
SEE NOTE 4	ISO 1302 ✓	ISO 406 ISO 1101		
ltr	ecn no	dr	date	tolerances unless otherwise specified
D	i06-0074	GVJ	2006/06/08	
		angles	linear	
		dr	Mini K Vandanath	1999/03/20
		enr	George V Joseph	1999/03/20
		chr	George V Joseph	2006/06/23
		appd	K-V SIVADAS	2006/06/23
sheet index	revision	D		
	sheet	1		
				title
				D- SUB S/S CONNECTOR ( WITH ASSEMBLY OPTIONS)
				scale -
				MM
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing