



Part No.& Date code printing

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	:	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 (Au FLASH) 500 MATINGS (0.76µ Au).
DAMP HEAT	:	21 DAYS.
WIRE SIZE	:	0.6 MM ² (AWG 20) MAX.

"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		INSULATOR COLOUR
BLANK-STANDARD		BLANK- NATURAL
F - FLOAT MOUNTING		B - BLACK
L - CLINCH NUT (M3)		DIMPLES
O - CLINCH NUT (UNC)		X-ON MALE CONNECTORS ONLY
V - FEM. SCREW LOCK HEX. (UNC)		SHELL PLATING
		BLANK-ZINC
NO.OF CONTACTS	09,15,25,37,50	T-STD. TIN over Cu
CONTACTS		OPTIONS
P - PIN		BLANK - STD
S - SOCKET		H - WITH SHIELDING TERMINATION FINGERS
TERMINATION TYPE		CONTACT PLATING
0 - SOLDER BUCKET		64 - Au FLASH
		65 - 0.76 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	+0,76	+0,25	±0,12	+0,25	+0,76	F MAX	+0,15	+0,51	+0,51	±0,2	+0,22			
	B	0	0	C	D	E	0	G	0	H	0	J	0	K	L

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

<p>FEMALE SCREW LOCK EXTENDED TYPE</p> <p>UNC 4-40,2B THREAD</p> <p>ORD CODE 8630-01-061</p>	<p>FEMALE SCREW LOCK EXTERNAL THREAD</p> <p>INTERNAL THREAD</p> <table border="1"> <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> </table> <p>ORD-CODE EXTERNAL THREAD INTERNAL THREAD</p>	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
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											
<p>MALE LEVER LOCK</p> <p>ORD CODE 8630-3427(EABC)</p> <p>ORD CODE 8630-3428(D)</p>	<p>CONNECTOR WITH SPECIAL RIVETTED FEMALE SCREW LOCK</p> <p>UNC 4-40,2B THREAD</p> <p>PREFIX: V</p>												
<p>CLINCH NUT</p> <p>PREFIX: O - UNC4-40 L - M3</p>	<p>WITH SHIELDING TERMINATION FINGERS</p> <p>OPTION: H</p>												
	<p>FEMALE LEVER LOCK</p> <p>ORD CODE 8630-3425(EABC)</p> <p>ORD CODE 8630-3426(D)</p>												

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)
F	106-0074	GVJ	2006-06-08	angles	linear	0.00±0.1	dwg no	sheet 1 of 1
G	107-0088	RKV	2007-07-14	0°±1°		0.00±0.00X	size	5
H	107-0175	MRA	2007-12-17				scale	
J	108-0131	MRA	2008-10-06	dr	GEORGE.V.JOSEPH	1999-03-20	FCI	
K	109-0121	MRA	2009-07-01	enr	GEORGE.V.JOSEPH	1999-03-20		
L	109-0140	MRA	2009-07-14	chr	ABHILASH.M.R	2009-07-01		
M	109-0195	MRA	2009-09-18	appd	SUDHIR.VARMA	2009-07-01		
sheet index	revision sheet	M	1				type	Product Customer Drawing