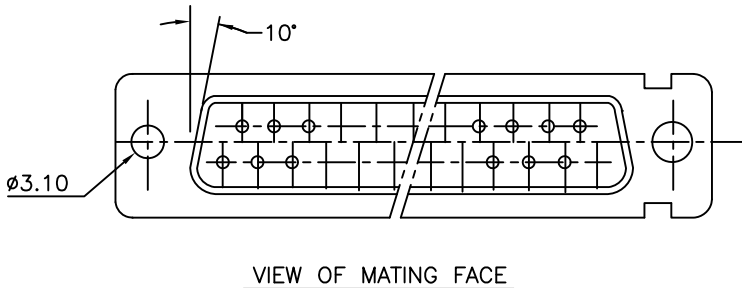
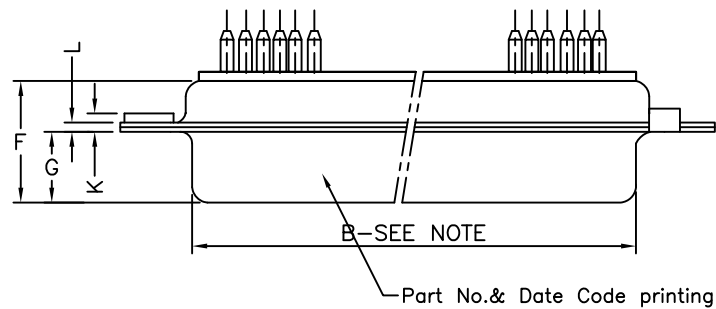
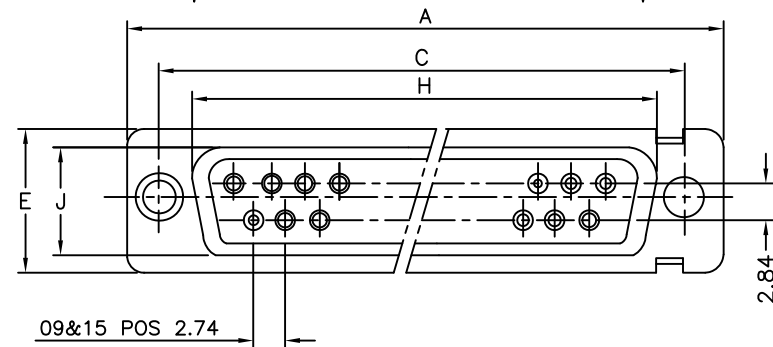


STD OPTION

WITH ACCESSORY OPTION



VIEW OF MATING FACE

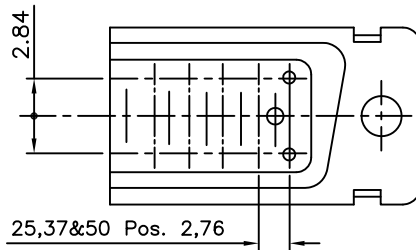
ORDERING INFORMATION

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													DIMPLES
BLANK-STANDARD													X-ON MALE CONNECTORS ONLY
V-FEM. SCREW LOCK (UNC)													SHELL PLATING
N-FEM. SCREW LOCK M3													BLANK-ZINC (Cr+3)
S-SPACER RIVETTED TO SHELL													T-STD. TIN Over Cu
L-CLINCH NUT (M3)													PCB MOUNTING OPTIONS
O-CLINCH NUT (UNC)													BLANK-STANDARD
													G-HARPOON
NO. OF CONTACTS													CONTACT PLATING
09,15,25,37,50													64 - 200 MATING CYCLES
CONTACTS													65 - 500 MATING CYCLES
P - PIN													
S - SOCKET													
TERMINATION TYPE													
3-STRAIGHT SPILL													
4-WIRE WRAP													

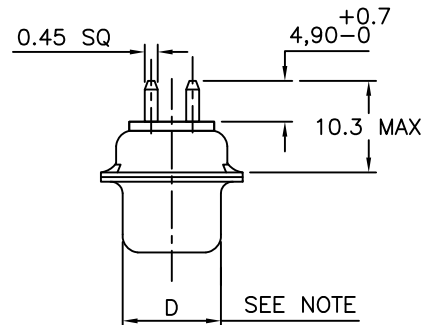
"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

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.

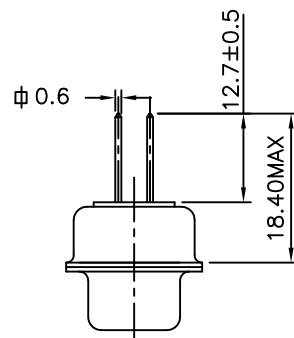
Packaging as per GS-14-920



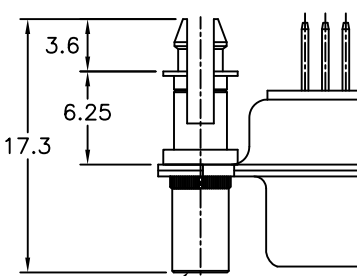
LAY OUT OF 50P CONNECTOR



WIRE WRAP CODE 4

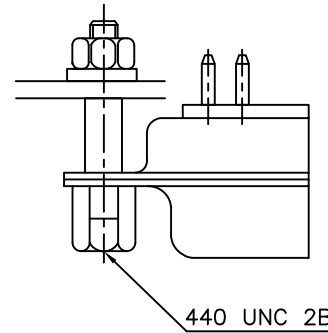


HARPOON PRESS FITTED TO SHELL



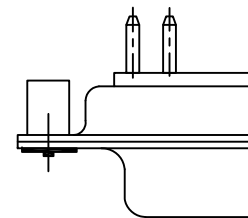
OPTION:-V with G

EXTENDED FEMALE SCREW LOCK WITH SPACER



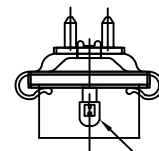
ORD CODE -8630-01-062

SPACERS RIVETTED TO SHELL



PREFIX:- S

MALE SCREW LOCK



ORD CODE:-

8630-05(E.A.B.C.)
8630-03 D SHELL FEMALE
8630-15 D SHELL MALE
8630-04 E,A,B,C SHELL
WITH METAL HOOD

FOR 440 UNC 2A THREADED ADD UNC
TO THE CORRESPONDING ORD. CODE.

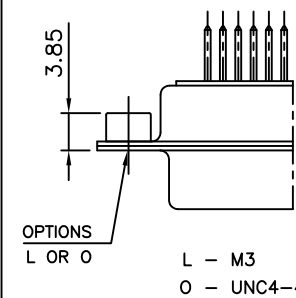
50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	55.07	13.31	1.10	0.8
37	P	68.94	55.30	63.50	8.23	12.17	11.09	5.85	57.45	10.46	1.50	1.0
	S	68.94	54.71	63.50	7.77	12.17	11.21	6.05	57.45	10.46	1.10	0.8
25	P	52.65	38.84	47.04	8.23	12.17	11.07	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 ^{+0.51}	J ^{+0.51}	K ^{±0.2}	L ^{+0.22}
DIMENSIONS												

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

TECHNICAL SPECIFICATIONS

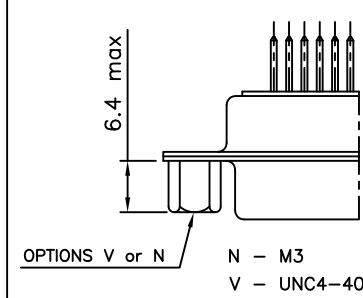
SHELLS	:	TIN/ZINC PLATED STEEL
CONTACTS DIA ON ACTIVE AREA	:	Ø1 MM.
CONTACTS MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	GXT / GOLD OVER NICKEL (ACTIVE ZONE) TIN OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	:	2µ MIN. TIN TOP OVER 1.27µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
INSULATOR MATERIAL	:	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 CODE 64 200 MATINGS FOR CODE 65
DAMP HEAT	:	56 DAYS FOR ≥0.75µ GOLD PLATING 21 DAYS FOR ≤0.40µ GOLD PLATING

CLINCH NUT

OPTIONS
L OR O

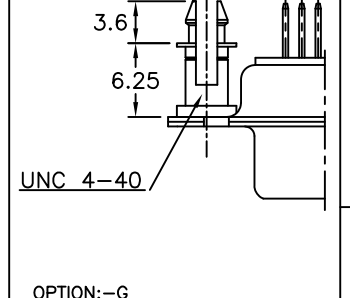
L - M3
O - UNC4-40

HEXAGONAL FEMALE SCREW



OPTIONS V or N
N - M3
V - UNC4-40

HARPOON RIVETTED TO SHELL



OPTION:-G

mat'l. code SEE NOTE 4				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection MM		product family									
ltr	ecn no	dr	date	tolerances unless otherwise specified						title									
D	106-0074	GVJ	2006/06/08	angles						D- SUB S/S W/W CONNECTOR (WITH ASSEMBLY OPTIONS)									
E	109-0179	AMR	2009/09/04	linear															
F	109-0195	AMR	2009/09/04																
G	111-0003	AMR	2011/01/06	dr	Mini K Vandanath	1999/03/20													
H	111-0047	AMR	2011/03/05	enr	George V Joseph	1999/03/20													
				chr	Abhilash M R	2009/09/04													
				appd	Sudhir Varma	2009/09/04													
sheet	revision	H																	
index	sheet	1																	