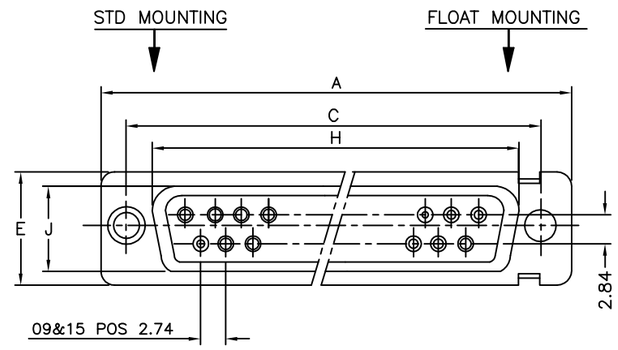
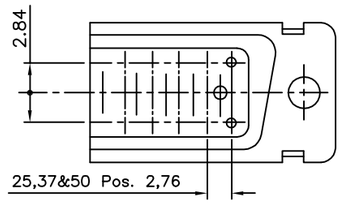
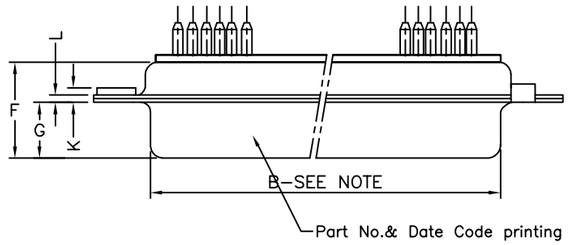
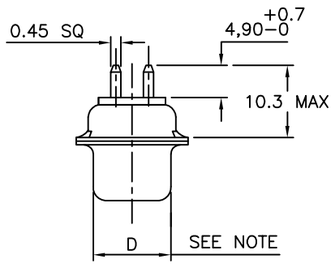
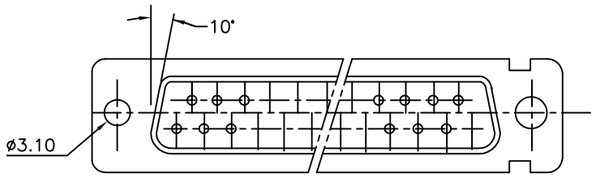




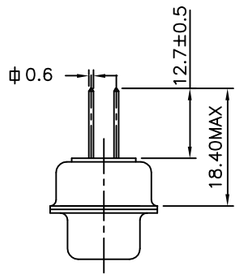
LAY OUT OF 50P CONNECTOR





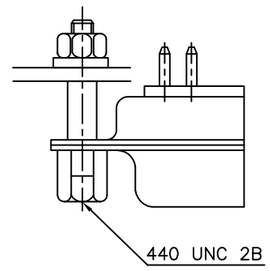


VIEW OF MATING FACE



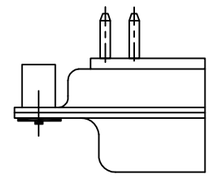
WIRE WRAP CODE 4

EXTENDED FEMALE SCREW LOCK WITH SPACER



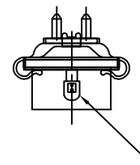
ORD CODE –8630–01–062

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.

SHELL SIZE		A +0.76 0	B +0.25 0	C ±0.12	D +0.25 0	E +0.76 0	F MAX	G +0.15 0	H +0.51 0	J +0.51 0	K ±0.2	L +0.22 0
		DIMENSIONS										
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

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

ORDERING INFORMATION

D B V 25 P 3 64 C T X XXX LF

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

ltr	ecn no	dr	date
D	i06–0074	GVJ	2006/06/08

mat'l. code	SEE NOTE 4	
surface	ISO 1302	
tolerance	ISO 406 ISO 1101	
tolerances unless otherwise specified		
angles		
linear		
projection		
MM		
scale	–	
dr	Mini K Vandanath	1999/03/20
engr	George V Joseph	1999/03/20
chr	George V Joseph	2006/06/23
appd	K-V SIVADAS	2006/06/23
sheet index	revision / sheet	D / 1
product family		
title	D- SUB S/S CONNECTOR (WITH ASSEMBLY OPTIONS)	
dwg no	C-DSUB-0065	
sheet 1 of 1	size A3	
type	Product Customer Drawing	

form: A3

PDM: Rev:D STATUS:Released Printed: Jan 23, 2008