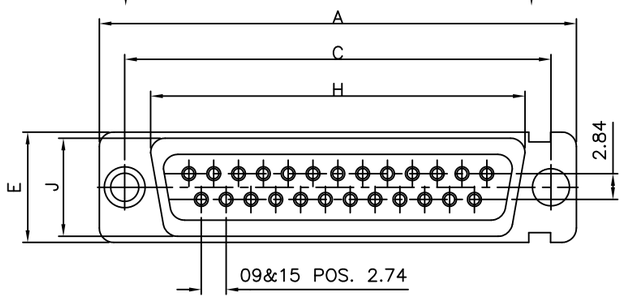
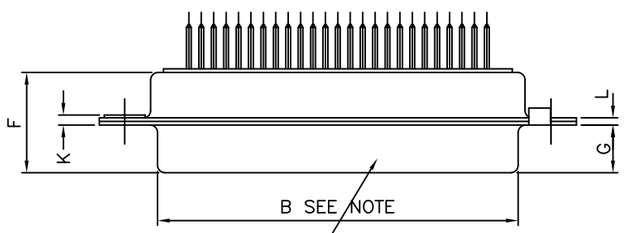
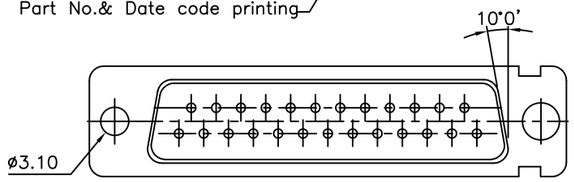
STD OPTION

WITH ACCESSORY OPTION



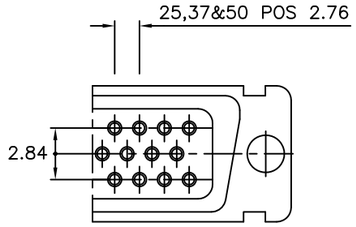


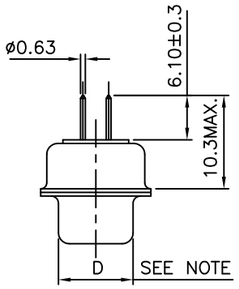
Part No.& Date code printing



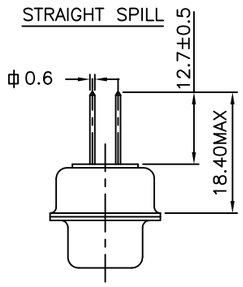
VIEW OF MATING FACE

LAYOUT OF 50 POS.CONNECTOR

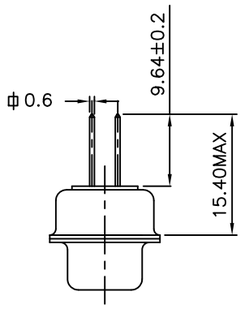




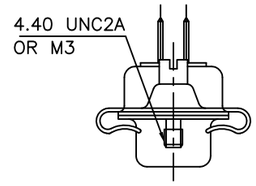
STRAIGHT SPILL



WIRE WRAP CODE 4

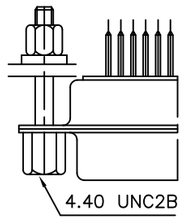


WIRE WRAP CODE 6



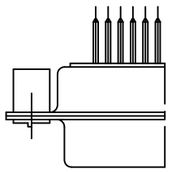
ORD.CODE:–8630–05(E,A,B,C)
ORD.CODE:–8630–03 D/SHELL FEMALE.
ORD.CODE:–8630–15 D/SHELL MALE.
ORD.CODE:–8630–04 E,A,B,C SHELL.
WITH METAL HOOD.
FOR 4.40UNC THREAD ADD 'N' TO
THE CORRESPONDING ORD.CODE.

EXTENDED FEMALE SCREW–
LOCK WITH SPACER



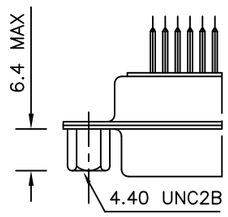
ORD.CODE:–8630–01–062

SPACER RIVETTED TO SHELL



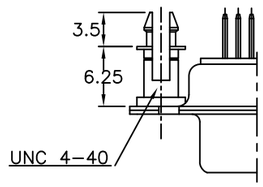
OPTION:–S

FEMALE SCREW RIVETTED TO SHELL



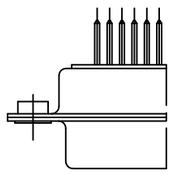
OPTION:–V

HARPOON RIVETTED TO SHELL



OPTION:–G WITH IN COMBINATION WITH L/O

CLINCH NUT RIVETTED TO SHELL



OPTION:–L
OPTION:–O

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		+0.76 A–0	+0.25 B–0	±0.12 C	+0.25 D–0	+0.76 E–0	F MAX	+0.15 G–0	+0.51 H–0	+0.51 J–0	K±0.20	+0.22 L–0

TECHNICAL SPECIFICATIONS

SHELLS	: TIN/ZINC PLATED STEEL
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
CONTACTS DIA ON ACTIVE AREA	: ø1 MM.
CONTACTS MATERIAL	: COPPER ALLOY
CONTACT PLATING	: GXT / GOLD OVER NICKEL
OPERATING TEMPERATURE	: –55°C +125°C
OPERATING CURRENT	: 7.5 A PER CONTACT
CONTACT RESISTANCE	: ⩽7.3 mΩ
INSULATION RESISTANCE	: ⩾5000 MΩ
MAXIMUM VOLTAGE	: 1000 V.r.m.s
MECHANICAL ENDURANCE	: 500 MATINGS FOR CODE 65 : 200 MATINGS FOR CODE 64
DAMP HEAT	: 56 DAYS FOR CODE 65 : 21 DAYS FOR CODE 64

"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.

Pckaging as per GS–14–920

NOTE:–INSIDE DIMENSIONS OF MALE AND OUTSIDE DIMENSIONS OF THE FEMALE CONNECTOR.

ORDERING INFORMATION

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

- SERIES
- SHELL SIZE
  E,A,B,C,D
- CHARECTERISATION
  P–DP SERIES
- OPTIONS
  BLANK–STANDARD
  V–FEM. SCREW LOCK HEX. (UNC)
  L–CLINCH NUT (M3)
  O–CLINCH NUT (UNC)
  S–SPACER RIVETTED TO SHELL (S/S ONLY)
- NO.OF CONTACTS
  09,15,25,37,50
- CONTACTS
  P – PIN
  S – SOCKET
- TERMINATION TYPE
  3–STRAIGHT SPILL
  4–WIRE WRAP TERMINATION 12.70MM
  6–WIRE WRAP TERMINATION 9.64MM
- CONTACT PLATING
  64 – 200 MATING CYCLES
  65 – 500 MATING CYCLES
- OPTIONS
  BLANK–STANDARD
  G–HARPOON (UNC4–40)
- SHELL PLATING
  BLANK–ZINC +Cr3
  T–STD. TIN over Cu
- DIMPLES– OPTIONAL
  X–ON MALE CONNECTORS ONLY
- SPECIAL CODES
- LEAD FREE

ltr	ecn no	dr	date
F	I06-0074	GVJ	2006-06-08
G	I08-0047	AMR	2008-03-25
H	I08-0125	AMR	2008-09-25
J	I08-0139	AMR	2008-10-13
K	I09-0075	AMR	2009-05-14
L	I11-0003	AMR	2011-01-06

dr	Mini K Vandanath	1999-03-20
engr	George V Joseph	1999-03-20
chr	Abhilash M R	2008-09-25
appd	Sudhir Varma	2008-09-25

mat'l. code: SEE NOTE 4
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles, linear
projection
MM
scale –
product family: D-SUB
title: D-SUB S/S,W/W CONNECTOR (DP SERIES WITH ASSEMBLY OPTIONS)
dwg no: C-DSUB-0067
sheet 1 of 1
size: A3
type: Product Customer Drawing
sheet index: revision L, sheet 1

form: A3

PDM: Rev:L STATUS:Released Printed: Mar 05, 2011

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