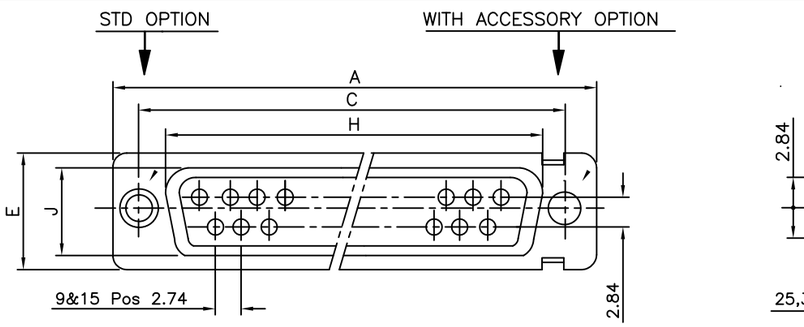
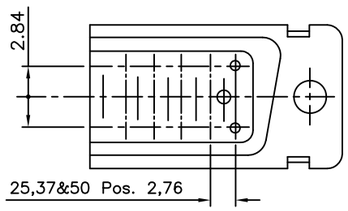
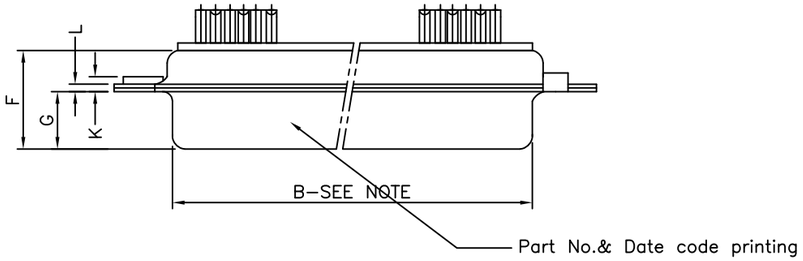
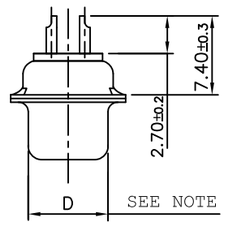
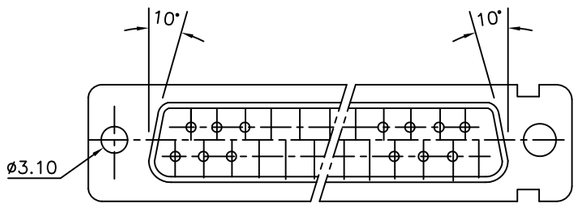




LAY OUT OF 50P CONNECTOR







VIEW OF MATING FACE

"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

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	:	GXT / 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 (For 64 code) 500 MATINGS (For 65 code).
DAMP HEAT	:	21 DAYS.
WIRE SIZE	:	0.6 MM^2 (AWG 20) MAX.

ORDERING INFORMATION

D B V 25 P 0 64 H T X B XXX LF

- SERIES: D
- SHELL SIZE: B
  - E,A,B,C,D
- OPTIONS: V
  - BLANK-STANDARD
  - F - FLOAT MOUNTING
  - L - CLINCH NUT (M3)
  - O - CLINCH NUT (UNC)
  - V - FEM. SCREW LOCK HEX. (UNC)
- NO.OF CONTACTS: 25
  - 09,15,25,37,50
- CONTACTS: P
  - P - PIN
  - S - SOCKET
- TERMINATION TYPE: 0
  - 0 - SOLDER BUCKET
- CONTACT PLATING: 64
  - 64 - 200 Mating cycles
  - 65 - 500 Mating cycles
- OPTIONS: H
  - BLANK - STD
  - H - WITH SHIELDING TERMINATION FINGERS
- SHELL PLATING: T
  - BLANK-ZINC
  - T-STD. TIN over Cu
- INSULATOR COLOUR: X
  - BLANK- NATURAL
  - B - BLACK
- SPECIAL CODES: B
  - DIMPLES
  - X-ON MALE CONNECTORS ONLY
- LEAD FREE: XXX LF

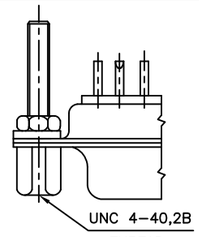
SHELL SIZE		A +0,76 0	B +0,25 0	C ±0,12	D +0,25 0	E +0,76 0	F MAX	G +0,15 0	H +0,51 0	J +0,51 0	K ±0,2	L +0,22 0
		DIMENSIONS										
50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	55.07	13.31	1.10	0.8
37	P	68.94	55.30	63.50	8.23	12.17	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:– 1) INSIDE DIMENSIONS OF THE MALE AND OUTSIDE DIMENSIONS OF THE FEMALE CONNECTOR

2) ALL ACCESSORIES SHOWN IN ASSEMBLY OPTIONS SHOULD BE ORDERED SEPARETELY

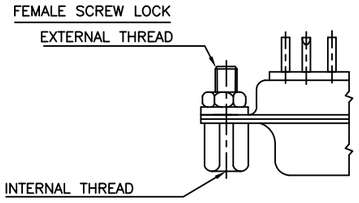
ASSEMBLY OPTIONS

FEMALE SCREW LOCK EXTENDED TYPE



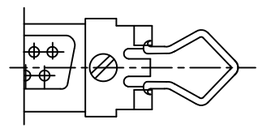
ORD CODE 8630–01–061

FEMALE SCREW LOCK



ORD–CODE	EXTERNAL THREAD	INTERNAL THREAD
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

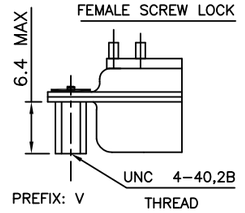
MALE LEVER LOCK



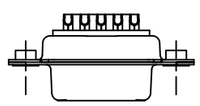
ORD CODE 8630–3427(EABC)

ORD CODE 8630–3428(D)

CONNECTOR WITH SPECIAL RIVETTED FEMALE SCREW LOCK



CLINCH NUT

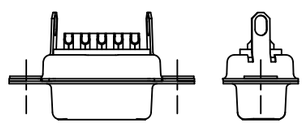


PREFIX:

O – UNC4–40

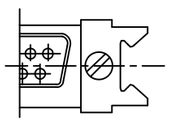
L – M3

WITH SHIELDING TERMINATION FINGERS



OPTION: H

FEMALE LEVER LOCK



ORD CODE 8630–3425(EABC)

ORD CODE 8630–3426(D)

mat'l. code				surface		tolerance		projection	product family	
SEE NOTE 4				ISO 1302 √		ISO 406 ISO 1101			D-SUB	
ltr	ecn no	dr	date	tolerances unless otherwise specified					title	
N	I11-0003	AMR	2011-01-06	angles	linear				D- SUB SOLDER BUCKET CONNECTOR	
-	-	-	-			.00±0.1		MM	(WITH ASSEMBLY OPTIONS)	
H	I07-0175	MRA	2007-12-17	0°±1°		.000±.00X		scale –		
J	I08-0131	MRA	2008-10-06	dr	GEORGE.V.JOSEPH		1999-03-20		dwg no	sheet 1 of 1 size 5
K	I09-0121	MRA	2009-07-01	engr	GEORGE.V.JOSEPH		1999-03-20		C-DSUB-0064	A3
L	I09-0140	MRA	2009-07-14	chr	ABHILASH.M.R		2009-07-01		type Product Customer Drawing	
M	I09-0195	MRA	2009-09-18	appd	SUDHIR.VARMA		2009-07-01			
sheet index	revision	N								
	sheet	1								

form: A3

PDM: Rev:N STATUS:Released Printed: Mar 01, 2011