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SHELL SIZE	P	A-0					B-0					C-0					D-0					E-0					F MAX					G-0					H-0					J-0					K±0.20					L-0					NMAX	PMAX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		+0.76	+0.25	+0.12	+0.25	+0.76	+0.15	+0.51	+0.51	+0.12	+0.25	+0.76	+0.15	+0.51	+0.51	+0.12	+0.25	+0.76	+0.15	+0.51	+0.51	+0.12	+0.25	+0.76	+0.15	+0.51	+0.51	+0.12	+0.25	+0.76	+0.15	+0.51	+0.51	+0.12	+0.25	+0.76	+0.15	+0.51	+0.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
50	S	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0	2.76	3.05	17.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

NOTE:-INSIDE DIM. OF MALE AND OUTSIDE DIM. OF THE FEMALE CONNECTOR.

ORDERING INFORMATION

8656 O 25 P L X T X XXX LF

LEAD FREE

SPECIAL CODES

DIMPLES

X-ON MALE CONNECTORS ONLY

SHELL PLATING

BLANK-ZINC PLTG.

T-STD. TIN/Zinc Cr3 PLTG.

OPTIONS-2

BLANK-STD. W/O ACCESSORIES

L-SUPPLIED W/O CONTACTS (OBLIGATORY)

OPTIONAL

CONTACTS

P - PIN

S - SOCKET

SERIES

OPTIONS-1

BLANK-STANDARD MOUNTING

O-CLINCH NUT (UNC)

L-CLINCH NUT (M3)

V-FEW. SCREW LOCK HEX. (UNC)

F-FLOAT MOUNTING

K-LATCH BRACKET

NO.OF CONTACTS

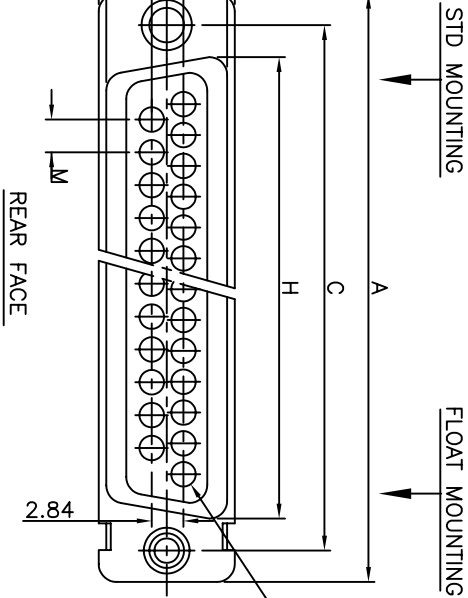
09,15,25,37,50

TECHNICAL SPECIFICATIONS

- SHELLS : TIN/CADMIUM/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 : GOLD / GXT OVER NICKEL (ACTIVE ZONE)
- FOR LEAD FREE PLATING : TIN OVER NICKEL (TERMINATION ZONE)
- 2 µ MIN.MATTE TIN TOP OVER
- 1.27 µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
- OPERATING TEMPERATURE : -55°C TO +125°C
- OPERATING CURRENT : 5 A PER CONTACT
- CONTACT RESISTANCE : <10mΩ
- INSULATION RESISTANCE : >5000 MΩ IN AMBIENT CONDITIONS.
- MAXIMUM VOLTAGE : 1000 V.r.m.s
- MECHANICAL ENDURANCE : 200 MATINGS (CODE 64)
- DAMP HEAT : 21 DAYS
- WIRE SIZE : AWG 20/24 OR AWG 24/28
- CONTACTS : CRIMP REMOVABLE
- MAX DIA OF WIRE : 1.52mm (AWG 20/24) 1.02mm (AWG 24/28)

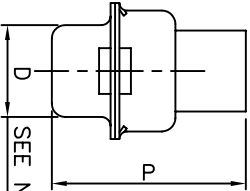
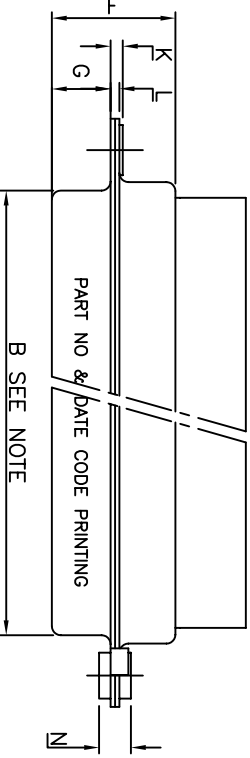
SHELL SIZE	TYPE OF MOUNTING	DIMENSIONS															
		MOUNTING POSITIONS		FRONT				REAR				S-0					
50	STD	FRONT	REAR	X±0.1	Y±0.1	R±0.1	S-0	+0.1	T±0.1	FRONT	REAR	X±0.1	Y±0.1	R±0.1	S-0	+0.1	T±0.1
		56.30	14.10	61.11	3.20	2.10	3.30	59.20	16.60		61.11	2.20	2.10	2.10			
50	FLOAT	FRONT	REAR	57.20	14.40	61.11	2.20	3.30	2.10	2.10							
		FRONT	REAR	60.70	13.00	63.50	3.20	2.10	2.10								
37	STD	FRONT	REAR	59.10	11.40	63.50	3.20	3.30	2.10	2.10							
		FRONT	REAR	61.50	13.80	63.50	2.20	2.10	2.10								
37	FLOAT	FRONT	REAR	59.80	12.20	63.50	2.20	3.30	2.10	2.10							
		FRONT	REAR	44.30	13.00	47.04	3.20	2.10	2.10								
25	STD	FRONT	REAR	42.50	11.40	47.04	3.20	3.30	2.10	2.10							
		FRONT	REAR	45.10	13.80	47.04	2.20	2.10	2.10								
25	FLOAT	FRONT	REAR	43.30	12.20	47.04	2.20	3.30	2.10	2.10							
		FRONT	REAR	30.50	13.00	33.32	3.20	2.10	2.10								
15	STD	FRONT	REAR	28.80	11.40	33.32	2.20	3.30	2.10	2.10							
		FRONT	REAR	31.30	13.80	33.32	2.20	2.10	2.10								
15	FLOAT	FRONT	REAR	29.60	12.20	33.32	2.20	3.30	2.10	2.10							
		FRONT	REAR	22.20	13.00	24.99	3.20	2.10	2.10								
09	STD	FRONT	REAR	20.50	11.40	24.99	3.20	3.30	2.10	2.10							
		FRONT	REAR	23.00	13.80	24.99	2.20	2.10	2.10								
09	FLOAT	FRONT	REAR	21.30	12.20	24.99	2.20	3.30	2.10	2.10							
		FRONT	REAR	21.30	12.20	24.99	2.20	3.30	2.10	2.10							

TABLE 2



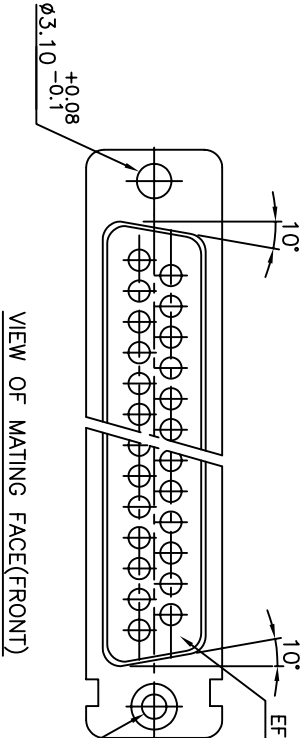
EFFECTIVE HOLE Ø2.20±0.05 (MALE & FEMALE)

LAYOUT OF 50 POS.CONNECTOR

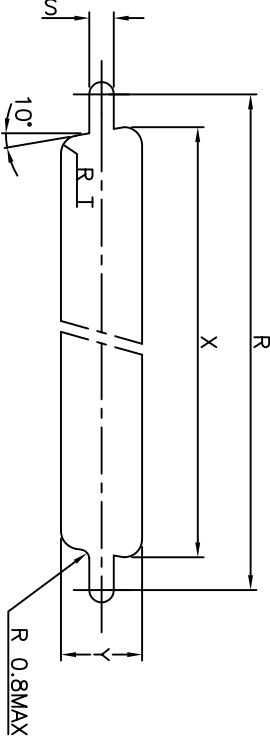


WITH FEMALE SCREW LOCK

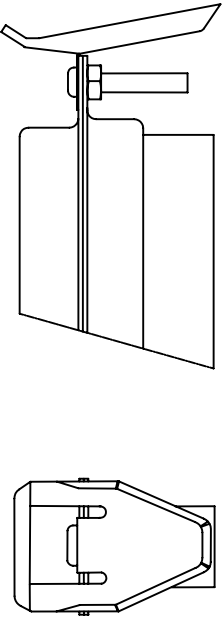
EFFECTIVE HOLE Ø1.92±0.05(FEMALE)
Ø1.11±0.05(MALE)



PANNEL CUTOUTS



WITH LATCH BRACKET



"This LF product meets European Union Directives and other country regulations as described in GS-22-008"
Packaging as per GS-14-920

mat'l. code		surface		tolerance		projection		product family	
ISO 1302		ISO 406 ISO 1101		MM		MM		D-SUB CRIMP CONNECTOR	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM		title	
E	i06-0074	GVJ	2006/06/08	angles		MM		D-SUB CRIMP CONNECTOR	
F	I11-0003	AMR	2011-1-06	linear		MM		D-SUB CRIMP CONNECTOR	
F1.1	-	PK	2012/05/29	scde		MM		D-SUB CRIMP CONNECTOR	
G	ELX-I-01185	PK	2012/06/01	dr		MM		D-SUB CRIMP CONNECTOR	
	engr	George V Joseph	1999/03/20	engr		MM		D-SUB CRIMP CONNECTOR	
	chr	Abhilash M R	2011-01-06	chr		MM		D-SUB CRIMP CONNECTOR	
	appd	Sudhir Varma	2011-01-06	appd		MM		D-SUB CRIMP CONNECTOR	
sheet index		revision		sheet		sheet		sheet	
1		G		1		1		1	



C-DSUB-0071

dwg no sheet 1 of 1 size A3

type Product Customer Drawing



FCIconnect.com