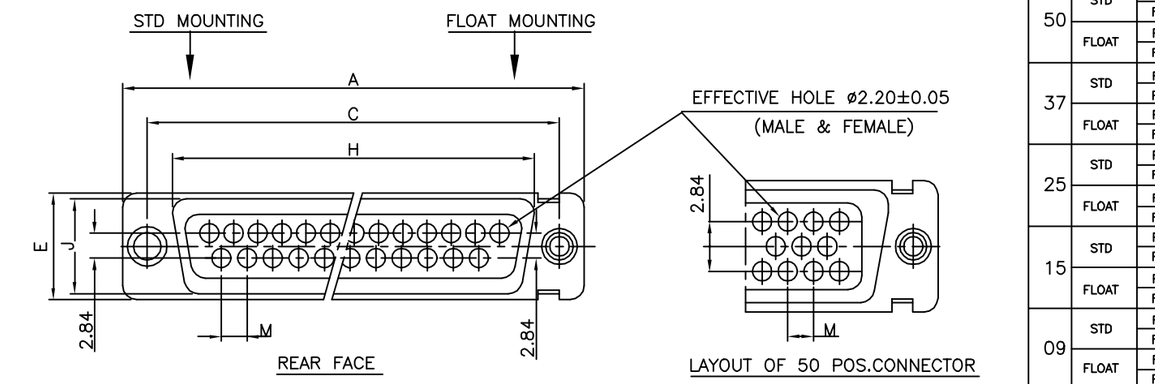
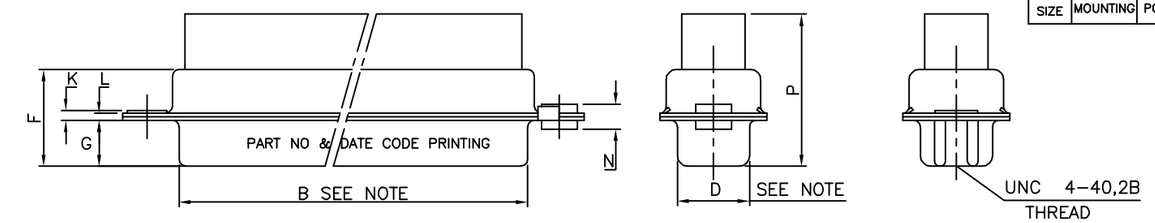
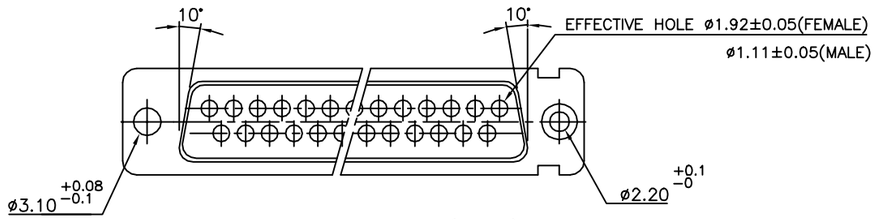
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du Propriete de c FCI. Droits de reproduction FCI.







50	STD	FRONT	58.30	15.80	61.11	3.20	2.10
		REAR	56.30	14.10	61.11	3.20	3.30
	FLOAT	FRONT	59.20	16.60	61.11	2.20	2.10
		REAR	57.20	14.40	61.11	2.20	3.30
37	STD	FRONT	60.70	13.00	63.50	3.20	2.10
		REAR	59.10	11.40	63.50	3.20	3.30
	FLOAT	FRONT	61.50	13.80	63.50	2.20	2.10
		REAR	59.80	12.20	63.50	2.20	3.30
25	STD	FRONT	44.30	13.00	47.04	3.20	2.10
		REAR	42.50	11.40	47.04	3.20	3.30
	FLOAT	FRONT	45.10	13.80	47.04	2.20	2.10
		REAR	43.30	12.20	47.04	2.20	3.30
15	STD	FRONT	30.50	13.00	33.32	3.20	2.10
		REAR	28.80	11.40	33.32	2.20	3.30
	FLOAT	FRONT	31.30	13.80	33.32	2.20	2.10
		REAR	29.60	12.20	33.32	2.20	3.30
09	STD	FRONT	22.20	13.00	24.99	3.20	2.10
		REAR	20.50	11.40	24.99	3.20	3.30
	FLOAT	FRONT	23.00	13.80	24.99	2.20	2.10
		REAR	21.30	12.20	24.99	2.20	3.30
SHELL SIZE	TYPE OF MOUNTING	MOUNTING POSITIONS	X±0.1	Y±0.1	R±0.1	S −0 +0.1	T±0.1
			DIMENSIONS				

TABLE 2

50	P	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
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	55.07	13.31	1.10	0.8	2.76	2.85	17.44
37	P	68.94	55.30	63.50	8.23	12.17	11.09	5.85	57.45	10.46	1.50	1.0	2.76	3.05	17.35
	S	68.94	54.71	63.50	7.77	12.17	11.21	6.05	57.45	10.46	1.10	0.8	2.76	2.85	17.44
25	P	52.65	38.84	47.04	8.23	12.17	11.07	5.85	41.02	10.46	1.10	0.8	2.76	2.85	17.35
	S	52.65	38.25	47.04	7.77	12.17	11.21	6.05	41.02	10.46	1.10	0.8	2.76	2.85	17.44
15	P	38.76	25.12	33.32	8.23	12.17	10.99	5.85	27.25	10.46	1.10	0.8	2.74	2.85	17.35
	S	38.76	24.54	33.32	7.77	12.17	11.21	6.05	27.25	10.46	1.10	0.8	2.74	2.85	17.44
09	P	30.43	16.79	24.99	8.23	12.17	10.99	5.85	19.02	10.46	1.10	0.8	2.74	2.85	17.35
	S	30.43	16.21	24.99	7.77	12.17	11.21	6.05	19.02	10.46	1.10	0.8	2.74	2.85	17.44
SHELL SIZE		A −0 +0.76	B −0 +0.25	C −0 +0.12	D −0 +0.25	E −0 +0.76	F MAX	G −0 +0.15	H −0 +0.51	J −0 +0.51	K±0.20	L −0 +0.22	M±0.06	NMAX	PMAX

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

ORDERING INFORMATION

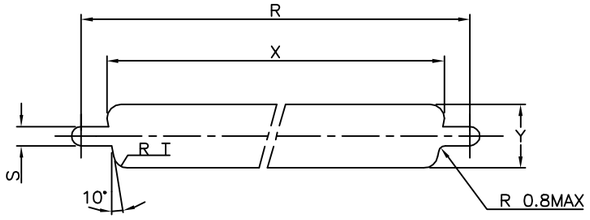
8656 0 25 P L H T X XXX LF

- SERIES
- OPTIONS−1
  - BLANK−STANDARD MOUNTING
  - O−CLINCH NUT (UNC)
  - L−CLINCH NUT (M3)
  - V−FEM. SCREW LOCK HEX. (UNC)
  - W−RIVETED FEM. SCREW LOCK ROUND UNC
  - N−THREADED FEM. SCREW LOCK M3
  - F−FLOAT MOUNTING
- NO.OF CONTACTS
  - 09,15,25,37,50
- CONTACTS
  - P − PIN
  - S − SOCKET
- OPTIONAL
  - L−SUPPLIED W/O CONTACTS (OBLIGATORY)
- OPTIONS−2
  - BLANK−STD. W/O ACCESSORIES
  - H−SHIELDING TERMINATION FINGERS
- SHELL PLATING
  - BLANK−ZINC PLTG.
  - T−STD. TIN PLTG.
- DIMPLES
  - X−ON MALE CONNECTORS ONLY
- SPECIAL CODES
- LEAD FREE

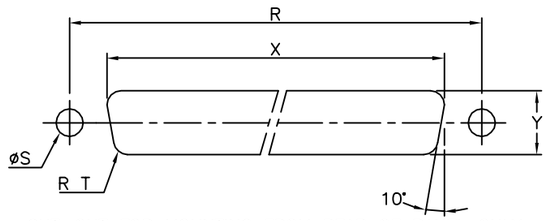
TECHNICAL SPECIFICATIONS

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 OVER NICKEL (ACTIVE ZONE)
	:	TIN 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)
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 (Au FLASH)
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)

PANNEL CUTOUTS



CUT−OUT FOR MOUNTING FROM REAR OR FRONT OF PANEL



CUT−OUT FOR MOUNTING FROM REAR OF PANEL ONLY

SEE TABLE 2

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

Packaging as per GS−14−920

INDEX	DATE	REVISION DESCRIPTION
d	23/12/2004	LEAD FREE DETAILS ADDED

ltr	Ecn no	Dr	date
d	I04-0127	GVJ	23/12/04

Material.	SEE SPEC.		Spec ref.		
Mat code.	—			Tolerance	Projection
Heattreat.	NA			LINEAR ±0.1	MM
Plating/Finish.	NA			ANGULAR ±1°	
Dr	Mini K Vandanath	20/03/1999		Size	Scale
Eng	Soji C A	20/03/1999	Product Family 8656	A3	
Chr	George V Joseph	23/12/2004	Model Name	ECN	
Appr	K Somasundaram	23/12/2004	Model Revision	REL Level	

FCI

Title: D-SUB CRIMP CONNECTOR

Dwg no: C-DSUB-0071

Rev. d

Catalog no | CAD File: C\Engineering\D SUB | Sheet 1 of 1

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PDM: Rev:D STATUS:Released Printed: Nov 30, 2005