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VIEW OF MATING FACE(FRONT)

PANNEL CUTOUTS

CUT-OUT FOR MOUNTING FROM REAR OR FRONT OF PANEL

CUT-OUT FOR MOUNTING FROM REAR OF PANEL ONLY
SEE TABLE 2

R 0.8MAX

∅3.10 +0.08 -0.1

∅2.20 +0.1 -0

EFFECTIVE HOLE ∅1.92±0.05(FEMALE)
∅1.11±0.05(MALE)

WITH LATCH BRACKET

WITH FEMALE SCREW LOCK

UNC 4-40,2B THREAD

PART NO & DATE CODE PRINTING
B SEE NOTE

SEE NOTE

STD MOUNTING
REAR FACE
FLOAT MOUNTING

EFFECTIVE HOLE ∅2.20±0.05 (MALE & FEMALE)

LAYOUT OF 50 POS.CONNECTOR

2.84

TABLE 2

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

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

SHELL SIZE			A +0.76 -0	B +0.25 -0	C +0.12 -0	D +0.25 -0	E +0.76 F MAX	G +0.15 -0	H +0.5 -0	J +0.5 -0	K±0.20		L +0.22 -0	M±0.06 NMAX PMAX
09	S	30.43	16.21	16.79	24.99	7.77	8.23	12.17	6.05	5.85	19.02	1.10	0.8	2.74 2.85 17.35 3.05
	P	30.43	16.21	16.79	24.99	7.77	8.23	12.17	6.05	5.85	19.02	1.10	0.8	2.74 2.85 17.35 3.05
15	S	38.76	24.54	25.12	33.32	7.77	8.23	12.17	6.05	5.85	27.25	10.46	0.8	2.74 2.85 17.35 3.05
	P	38.76	24.54	25.12	33.32	7.77	8.23	12.17	6.05	5.85	27.25	10.46	0.8	2.74 2.85 17.35 3.05
25	S	52.65	38.25	38.84	47.04	8.23	8.23	12.17	6.05	5.85	41.02	10.46	0.8	2.76 2.85 17.44 3.05
	P	52.65	38.25	38.84	47.04	8.23	8.23	12.17	6.05	5.85	41.02	10.46	0.8	2.76 2.85 17.44 3.05
37	S	68.94	54.71	63.50	11.07	12.17	6.05	5.85	57.45	10.46	1.0	2.76 2.85 17.44 3.05
	P	68.94	54.71	63.50	11.07	12.17	6.05	5.85	57.45	10.46	1.0	2.76 2.85 17.44 3.05
50	S	66.65	52.30	55.30	61.11	10.62	14.99	12.17	11.21	6.05	55.07	13.31	1.50	2.85 17.44 3.05
	P	66.65	52.68	52.30	55.30	61.11	11.08	14.99	11.09	12.17	11.21	10.99	1.50	2.85

ORDERING INFORMATION

8656 O 25 P L X T X XXX LF

SERIES

OPTIONS-1
BLANK-STANDARD MOUNTING
O-CLINCH NUT (UNC)
L-CLINCH NUT (M3)
V-FEM. SCREW LOCK HEX. (UNC)
F-FLOAT MOUNTING
K-LATCH BRACKET

NO.OF CONTACTS : 09,15,25,37,50

CONTACTS : P - PIN , S - SOCKET

L-SUPPLIED W/O CONTACTS (OBLIGATORY)
BLANK-W/O CONTACTS (OPTIONAL)

X-ON MALE CONNECTORS ONLY
BLANK-STD. W/O ACCESSORIES

DIMPLES
X-ON MALE CONNECTORS ONLY

SHELL PLATING
T-STD. TIN/Zinc Cr3 PLTG.
BLANK-ZINC PLTG.
OPTIONS-2

SPECIAL CODES XXX

LEAD FREE LF

TECHNICAL SPECIFICATIONS

SHELLS : TIN/CADMIUM/ZINC PLATED STEEL
INSULATOR MATERIAL : SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 V0
CONTACTS DIA ON ACTIVE AREA : ∅1 MM.
CONTACTS MATERIAL : COPPER ALLOY
CONTACT PLATING : GOLD / GXT OVER NICKEL (ACTIVE ZONE) TIN OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING : 2μ MIN.MATTE TIN TOP OVER 1.27μ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
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
MAX DIA OF WIRE : 1.52mm (AWG 20/24) 1.02mm (AWG 24/28)
OPERATING TEMPERATURE : -55°C TO +125°C
OPERATING CURRENT : 5 A PER CONTACT

IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE. THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C

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

Packaging as per GS-14-920

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

8656V15PLTXLF