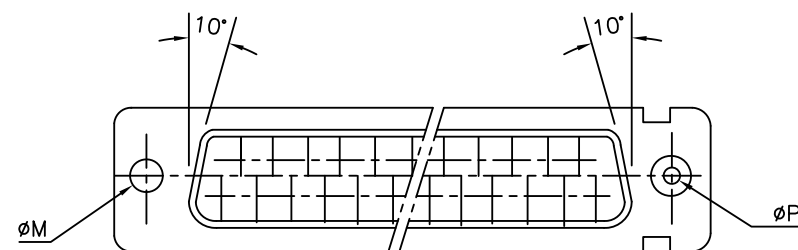
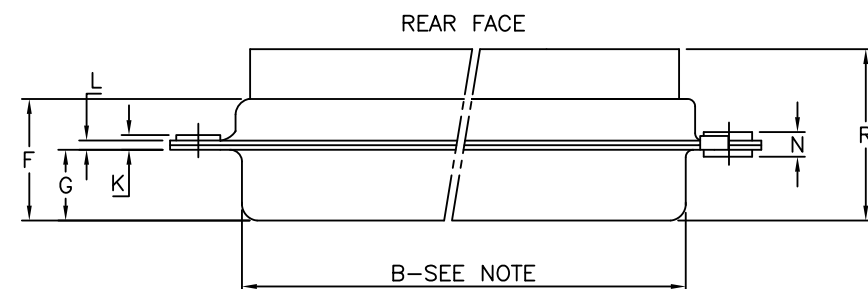
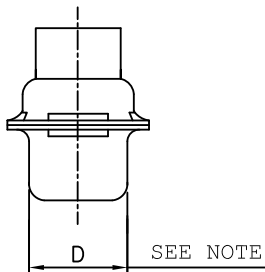


LAY OUT OF 50P CONNECTOR



ORDERING INFORMATION

SERIES

SHELL SIZE

E, A, B, C, D

SMA SERIES

OPTIONS

BLANK-STANDARD
F-FLOAT MOUNTING

BLANK - One (instal/removal) tool for 5 Connectors
T - One (instal/removal) tool per Connector

BLANK - With MIL Contacts
L - W/O MIL Contacts

CONTACTS

P - PIN
S - SOCKET

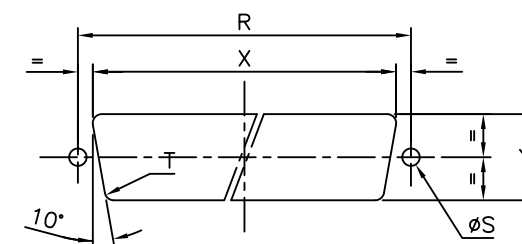
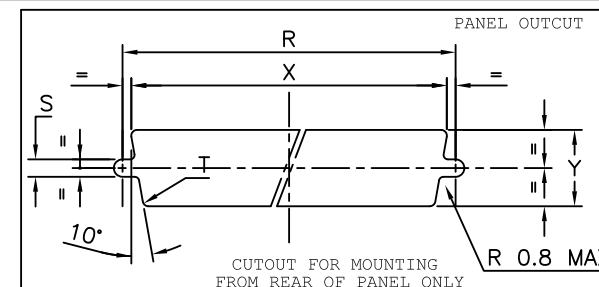
NO. OF CONTACTS

09,15,25,37,50

50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0	3.10	3.05	2.20	2.76	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	3.10	2.85	2.20	2.76	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	3.10	3.05	2.20	2.76	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	3.10	2.85	2.20	2.76	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	3.10	2.85	2.20	2.76	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	3.10	2.85	2.20	2.76	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	3.10	2.85	2.20	2.74	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	3.10	2.85	2.20	2.74	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	3.10	2.85	2.20	2.74	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	3.10	2.85	2.20	2.74	17.44
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	±0.2 K	+0.22 L ₀	+0.08 M ₀	Nmax	+0.10 P ₀	±0.06 Q	R
	DIMENSIONS NOTE:— INSIDE DIMENSIONS OF THE MALE AND OUTSIDE DIMENSIONS OF THE FEMALE CONNECTOR																

TECHNICAL SPECIFICATION

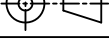
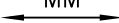
SHELLS	:	PASSIVATED CADMIUM PLATED STEEL
INSULATOR	:	SELF-EXTINGUISHING POLYESTER,UL CLASS V-0
		THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C
		IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)
		OR PROTECTIVE METALLIC DEVICE
CONTACT	:	1MM
OPERATING TEMPERATURE	:	-55 C TO +125C
CONTACT MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	GOLD OVER NICKEL
OPERATING CURRENT	:	7.5 A PER CONTACT
CONTACT RESISTANCE	:	≤7.3mΩ
INSULATION RESISTANCE	:	≥5000 MΩ
MAXIMUM VOLTAGE	:	1000 V RMS
MECHANICAL ENDURANCE	:	500 MATINGS
SALT SPRAY	:	48 hrs
DAMP HEAT	:	56 DAYS
WIRE SIZE	:	AWG 20 TO 24 MAX
TERMINATION	:	CRIMP



SEE TABLE-2

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	3.20	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 POSITION	$\pm_{0.1}$ X	$\pm_{0.1}$ Y	$\pm_{0.1}$ R	$\pm_{0.1}^{+0.1}_0$ S	$\pm_{0.1}$ T
DIMENSIONS							

Housing will withstand exposure to 260°C peak temp for 3.5sec

mat'l. code SEE NOTE 4				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family D-SUB									
ltr ecn no dr date				tolerances unless otherwise specified				 MM		title D- SUB-SMA SERIES MIL-C CONNECTORS									
B	068-06-08	AMR	2008/06/12	angles linear		.0±0.1													
C	082-07-08	AMR	2008/07/16			.00±0.1													
D	055-06-09	AMR	2009/06/16			.000±.00X													
E 082-08-14 AB 2014/08/06				dr		GEORGE.V.JOSEPH		1998/12/16		dwg no sheet 1 of 1 size C-DSUB-0019 A3									
				enrg		ALIAS.BABU		2014/08/06											
				chr		MITHUN.PAUL		2014/08/06											
				appd		BIJU.K.PAUL		2014/08/06											
sheet index		revision sheet		E						type Product Customer Drawing									
				1															

Mouser Electronics

Authorized Distributor

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

Amphenol:

[SAMA15P](#) [SCMA37P](#) [SCMA37S](#) [SDMA50P](#) [SEMA09S](#) [SEMAT09S](#) [SAMAT15S](#) [SBMA25P](#) [SBMAFT25P](#)
[SCMAFT37S](#) [SBMA25S](#) [SBMAFT25S](#) [SAMA15S](#) [SDMA50S](#) [SDMAFT50P](#) [SEMAT09P](#) [SCMAFT37P](#) [SAMAFT15P](#)
[SAMAFT15S](#) [SAMAT15P](#) [SEMAFT09S](#) [SEMAFT09P](#) [SDMAFT50S](#)