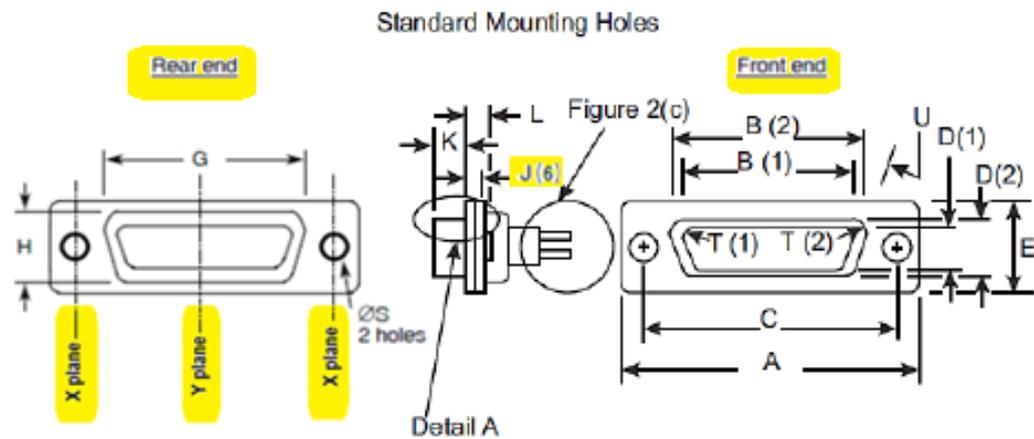


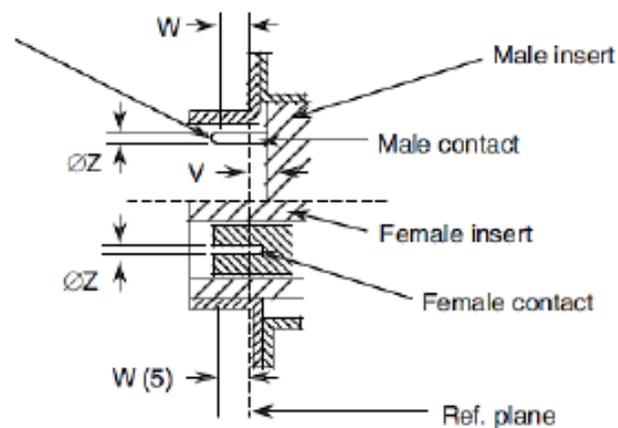
FIGURE 2 - PHYSICAL DIMENSIONS
FIGURE 2(a) - RECEPTACLES AND PLUGS

SHELL SIZE E



DETAIL A

Spherical. A 0.3mm max. diameter flat is permitted



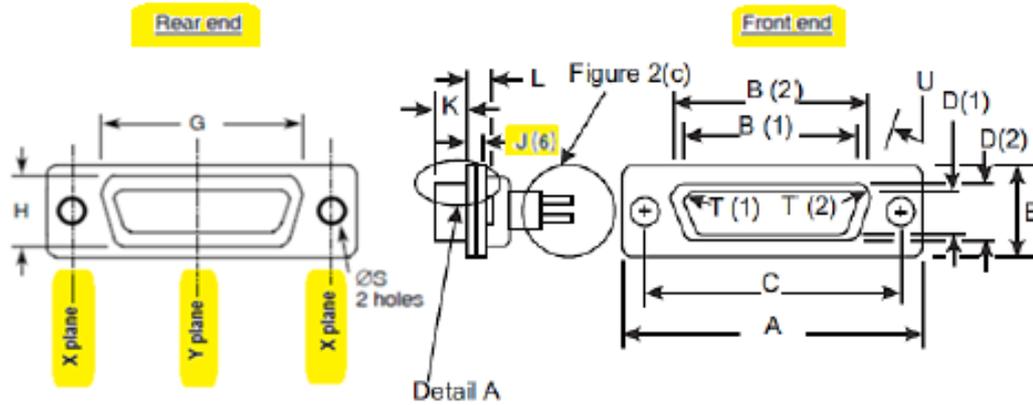
Connector Type	Contact Type	Symbol/ Dim.	A	B	C	D	E	G	H	J	K	L	ØS	T	U	V	W	ØZ	
																		V.01	V.02
Plug	Male	min.	30.43	16.79	24.87	8.23	12.17	19.02	10.46	0.51	5.82	0.89	2.92	2.59	9	0	4.03	0.99	0.75
		max.	31.19	17.04	25.12	8.48	12.93	19.53	10.97	1.02	6.05	1.52	3.2	2.89	11	0.4	-	1.04	0.77
Receptacle	Female	min.	30.43	16.21	24.87	7.77	12.17	19.02	10.46	0.51	6.05	0.89	2.92	2.46	9	-	3.63	1.07	0.89
		max.	31.19	16.46	25.12	8.03	12.93	19.53	10.97	1.02	6.3	1.52	3.2	2.62	11	-	-	1.14	0.95

NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure intermateability.
5. Electrical contact position in female contact.
6. 1.02 max. values are measured in X planes / 1.25 max. is accepted in Y plane.

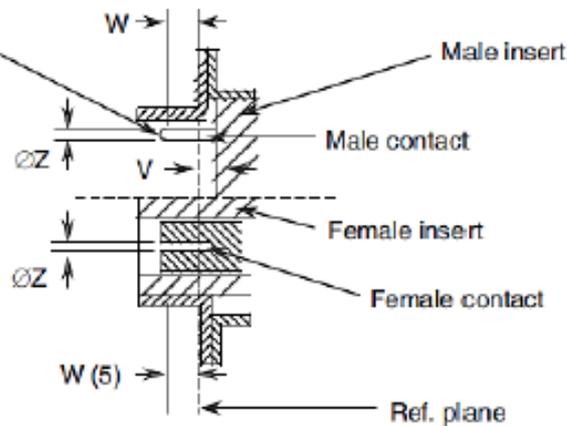
SHELL SIZE A

Standard Mounting Holes



DETAIL A

Spherical. A 0.3mm max. diameter flat is permitted



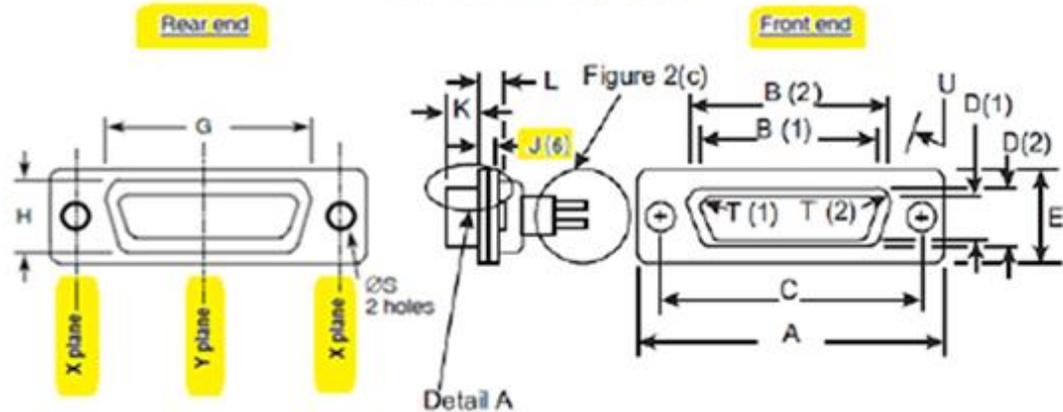
Connector Type	Contact Type	Symbol/ Dim.	A	<u>B</u>	<u>C</u>	<u>D</u>	E	G	H	J	<u>K</u>	L	ØS	<u>I</u>	<u>U</u>	<u>V</u>	W	ØZ	
																		V.01	V.02
Plug	Male	min.	38.76	25.12	33.2	8.23	12.17	27.25	10.46	0.51	5.82	0.89	2.92	2.59	9	0	4.03	0.99	0.75
		max.	39.52	25.37	33.45	8.48	12.93	27.76	10.97	1.02	6.05	1.52	3.2	2.69	11	0.4	-	1.04	0.77
Receptacle	Female	min.	38.76	24.54	33.2	7.77	12.17	27.25	10.46	0.51	6.05	0.89	2.92	2.46	9	-	3.63	1.07	0.89
		max.	39.52	24.79	33.45	8.03	12.93	27.76	10.97	1.02	6.3	1.52	3.2	2.62	11	-	-	1.14	0.95

NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure interchangeability.
5. Electrical contact position in female contact.
6. 1.02 max. values are measured in X planes / 1.25 max. is accepted in Y plane.

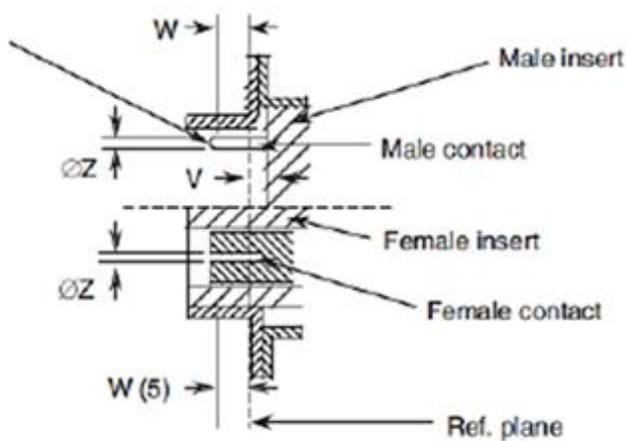
SHELL SIZE B

Standard Mounting Holes



DETAIL A

Spherical. A 0.3mm max. diameter flat is permitted



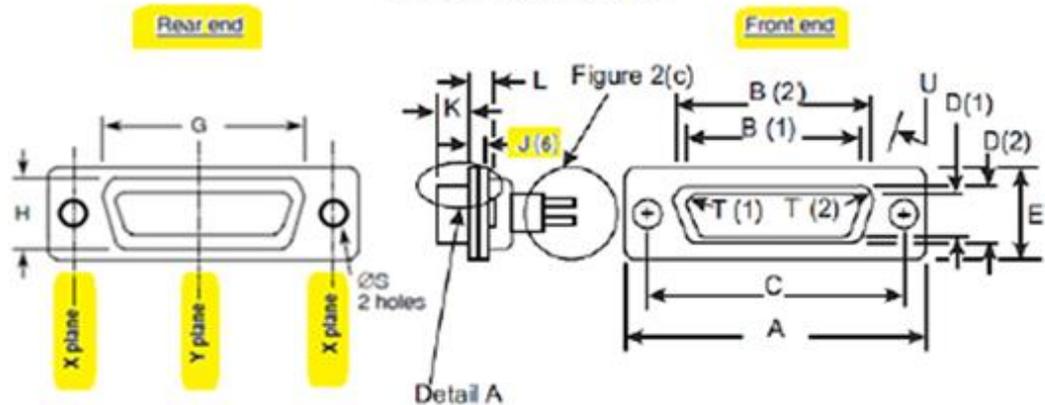
Connector Type	Contact Type	Symbol/Dim.	A	B	C	D	E	G	H	J	K	L	ØS	I	U	V	W	ØZ	
																		V.01	V.02
Plug	Male	min.	52.65	38.84	46.91	8.23	12.17	41.02	10.46	0.74	5.69	1.05	2.92	2.59	9	0	3.81	0.99	0.75
		max.	53.42	39.09	47.17	8.48	12.93	41.53	10.97	1.24	5.99	1.78	3.2	2.69	11	0.6	-	1.04	0.77
Receptacle	Female	min.	52.65	38.25	46.91	7.77	12.17	41.02	10.46	0.51	6.05	0.89	2.92	2.46	9	-	3.63	1.07	0.89
		max.	53.42	38.51	47.17	8.03	12.93	41.53	10.97	1.02	6.3	1.52	3.2	2.62	11	-	-	1.14	0.95

NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure intermateability.
5. Electrical contact position in female contact.
6. 1.02 max. value is measured in X planes / 1.25 max. is accepted in Y plane.
1.24 max. value is measured in X planes / 1.45 max. is accepted in Y plane.

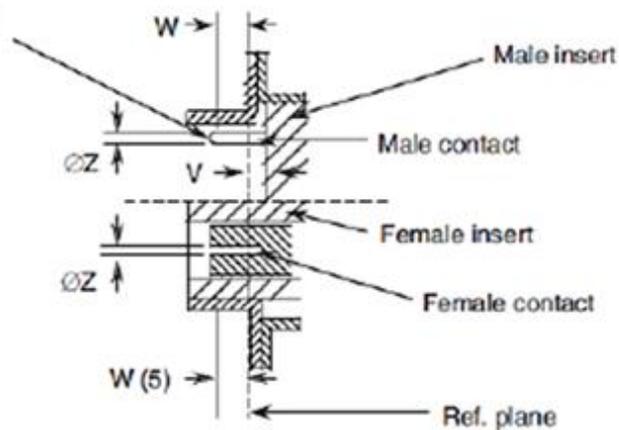
SHELL SIZE C

Standard Mounting Holes



DETAIL A

Spherical. A 0.3mm max. diameter flat is permitted



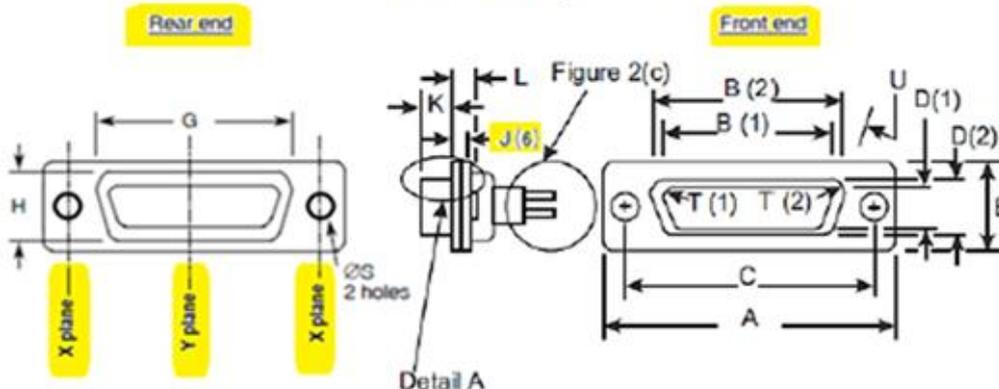
Connector Type	Contact Type	Symbol/ Dim.	A	B	C	D	E	G	H	J	K	L	∅S	I	U	V	W	∅Z	
																			V.01
Plug	Male	min.	68.94	55.3	63.37	8.23	12.17	57.45	10.46	0.74	5.69	1.05	2.92	2.59	9	0	3.81	0.99	0.75
		max.	69.7	55.55	63.63	8.48	12.93	57.96	10.97	1.24	5.99	1.78	3.2	2.69	11	0.6	-	1.04	0.77
Receptacle	Female	min.	68.94	54.71	63.37	7.77	12.17	57.45	10.46	0.51	6.05	0.89	2.92	2.46	9	-	3.63	1.07	0.89
		max.	69.7	54.97	63.63	8.03	12.93	57.96	10.97	1.02	6.3	1.52	3.2	2.62	11	-	-	1.14	0.95

NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure intermateability.
5. Electrical contact position in female contact.
6. 1.02 max. value is measured in X planes / 1.25 max. is accepted in Y plane.
1.24 max. value is measured in X planes / 1.45 max. is accepted in Y plane.

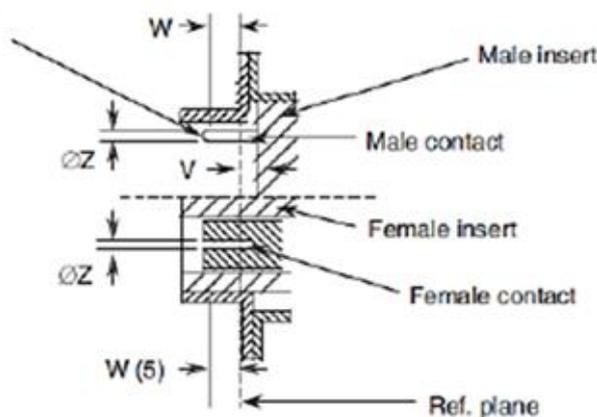
SHELL SIZE D

Standard Mounting Holes



DETAIL A

Spherical. A 0.3mm max. diameter flat is permitted



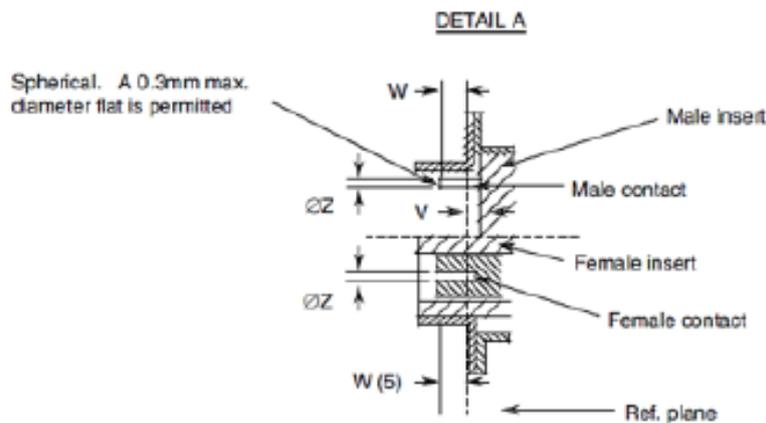
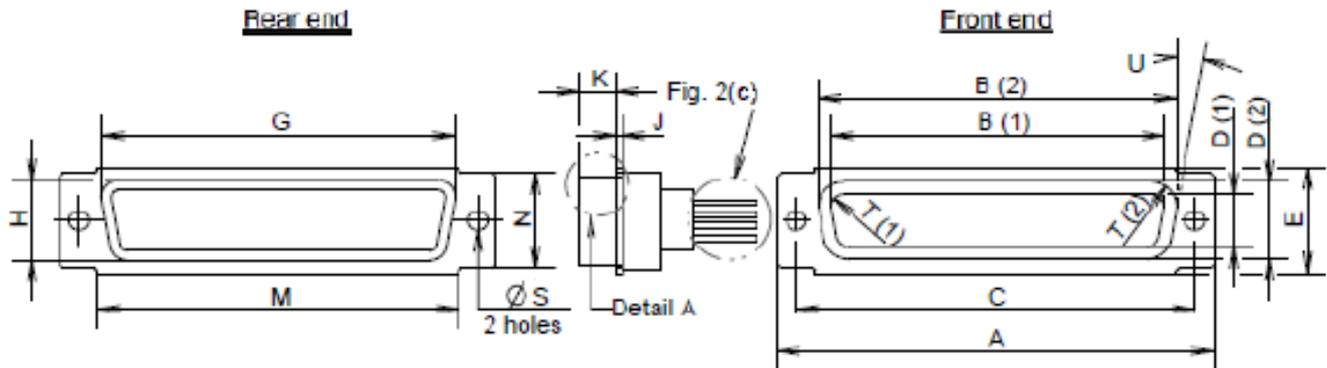
Connector Type	Contact Type	Symbol/ Dim.	A	B	C	D	E	G	H	J	L	K	ØS	I	U	V	W	ØZ	
																			V.01
Plug	Male	min.	68.55	52.88	60.99	11.07	14.99	55.07	13.31	0.74	1.05	5.99	2.92	2.59	9	0	3.81	0.99	0.75
		max.	67.31	52.93	61.24	11.33	15.75	55.58	13.82	1.24	1.78	5.99	3.2	2.69	11	0.6	-	1.04	0.77
Receptacle	Female	min.	68.55	52.3	60.99	10.82	14.99	55.07	13.31	0.51	0.89	6.05	2.92	2.46	9	-	3.63	1.07	0.89
		max.	67.31	52.55	61.24	10.87	15.75	55.58	13.82	1.02	1.52	6.3	3.2	2.62	11	-	-	1.14	0.95

NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure intermateability.
5. Electrical contact position in female contact.
6. 1.02 max. value is measured in X planes / 1.25 max. is accepted in Y plane.
1.24 max. value is measured in X planes / 1.45 max. is accepted in Y plane.

SHELL SIZE F

Standard Mounting Holes



Connector Type	Contact Type	Symbol/Dim.	A	<u>B</u>	<u>C</u>	<u>D</u>	E	G	H	J	K	M	N	ØS	<u>I</u>	<u>U</u>	<u>V</u>	W	ØZ
Plug	Male	min.	68.94	56.06	63.37	12.65	16.92	58.75	15.45	0.74	5.69	57.25	15	2.92	2.59	9	0	3.81	0.75
		max.	69.7	56.31	63.63	12.9	17.68	59.25	15.95	1.24	5.99	57.75	15.5	3.2	2.89	11	0.6	-	0.77
Receptacle	Female	min.	68.94	55.47	63.37	12.19	16.92	58.75	15.45	0.51	6.05	57.25	15	2.92	2.46	9	-	3.63	0.89
		max.	69.7	55.73	63.63	12.45	17.68	59.25	15.95	1.02	6.3	57.75	15.5	3.2	2.62	11	-	-	0.95

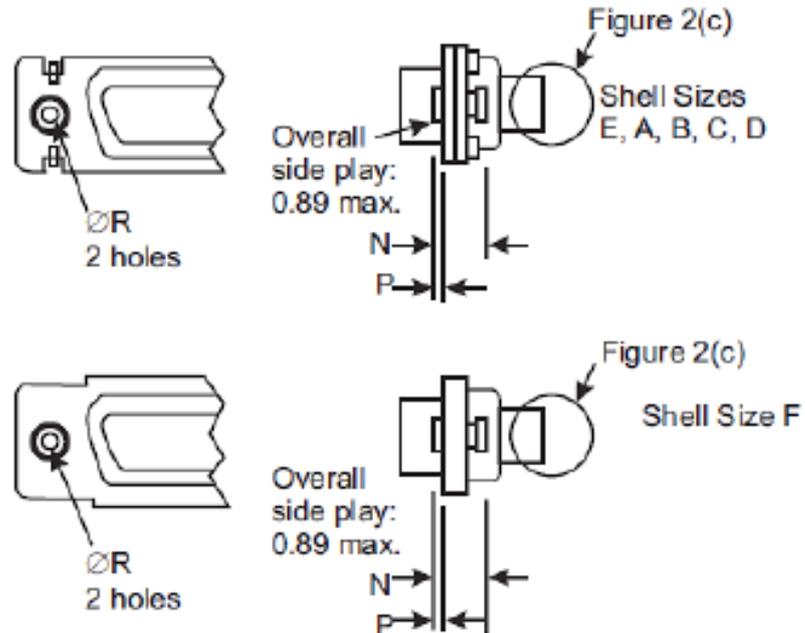
NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure interchangeability.
5. Electrical contact position in female contact.

OTHER MOUNTING TYPES

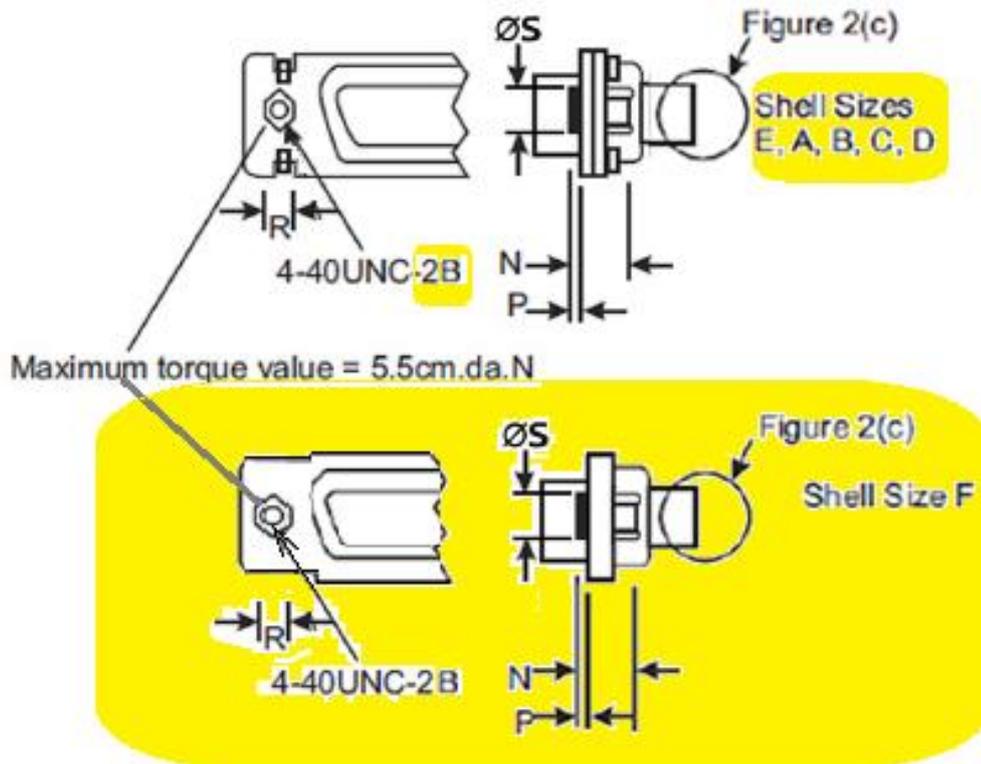
FLOATING MOUNT - TYPE Y

SHELL SIZES E, A, B, C, D AND F



Contact Type	Symbol/Dim.	N	P	$\varnothing R$
Male and Female	min.	2.4	0.76	2.2
	max.	3.3	0.86	2.3

CAPTIVE NUT - TYPE E
SHELL SIZES E, A, B, C, D AND F



Contact Type	Symbol/Dim.	N	P	R	ØS
Male and Female	min.	3.4	0	4.3	-
	max.	4.2	0.5	4.7	5.2

NOTES:

1. Inside dimension for connectors with male contacts.
2. Outside dimension for connectors with female contacts.
3. All dimensions are in mm (angles in degrees).
4. Underlined dimensions, in table, are critical to ensure intermateability.
5. Electrical contact position in female contact.