

RECEPTACLE

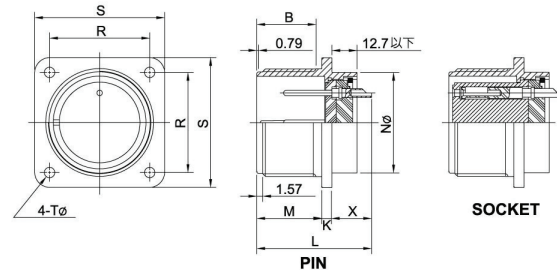
AMS3102A / AMS3102ARB



SOCKET



PIN PLUG



Shell size	Coupling Threads	Length of the effective portion of the thread over B	Thickness of the assembly rim under K	Length L	Length of assembly rim $M + 0.79$ $- 0$	Outer radius of the terminal $N + 0$ $- 4.78$	Position of the holes reserved for assembly $R \pm 0.13$	Length of the protruded sides $S \pm 0.79$	Hole diameter of the assembly holes $T + 0.25$ $- 0.13$
10SL	5/8-24UNEF-2A	9.5	2.1	23.4	14.6	15.8	18.26	25.4	3.1
12S	3/4-20UNEF-2A	9.52	2.4	24.3	14.27	19.86	20.62	27.79	3.05
14S	7/8-20UNEF-2A	9.52	2.4	24.3	14.27	23.01	23.01	30.18	3.05
16S	1-20UNEF-2A	9.52	2.4	24.3	14.27	26.21	24.61	32.54	3.05
16	1-20UNEF-2A	15.88	2.4	29.1	19.05	26.21	24.61	32.54	3.05
18	1-1/8-18UNEF-2A	15.88	3.0	28.6	19.05	29.36	26.97	34.92	3.05
20	1-1/4-18UNEF-2A	15.88	3.0	29.4	19.05	32.56	29.36	38.10	3.05
22	1-3/8-18UNEF-2A	15.88	3.0	29.4	19.05	35.71	31.75	41.28	3.05
24	1-1/2-18UNEF-2A	15.88	3.0	33.4	20.62	38.91	34.92	44.45	3.73
28	1-3/4-18UNS-2A	15.88	3.0	33.4	20.62	45.26	39.67	50.80	3.73
32	2-18UNS-2A	15.88	4.3	33.4	22.22	51.26	44.45	57.15	4.39
36	2-1/4-16UN-2A	15.88	4.3	33.4	22.22	57.96	49.23	63.50	4.39
48	3-16UN-2A	15.88	4.3	33.2	22.22	77.90	66.68	82.55	4.39

PS.: Shell size and insert arrangement, please refer to page 2-3.

STRAIGHT PLUG

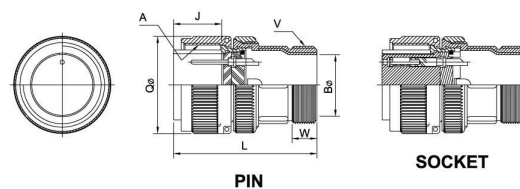
AMS3106B



SOCKET



PIN PLUG



Shell size (ps.1)	Coupling Threads A	Cable end $B \pm 0.3$	Length of connector $J \pm 0.3$	Full length	Outer radius $Q \pm 0.8$	Rear Threads V	Length of thread over W
10SL	5/8-24UNEF-2B	7.0	9.6	44.6	22.2	5/8-24UNEF-2A	10
12S	3/4-20UNEF-2B	9.6	13.5	42.8	25.4	5/8-24UNEF-2A	9.5
14S	7/8-20UNEF-2B	12.5	13.5	42.8	28.6	3/4-20UNEF-2A	9.5
16S	1-20UNEF-2B	15.6	13.5	42.8	31.8	7/8-20UNEF-2A	9.5
16	1-20UNEF-2B	15.6	18.3	52.4	31.8	7/8-20UNEF-2A	9.5
18	1-1/8-18UNEF-2B	20.2	18.3	52.4	34.1	1-20UNEF-2A	9.5
20	1-1/4-18UNEF-2B	23.0	18.3	55.6	37.3	1-3/16-18UNEF-2A	9.5
22	1-3/8-18UNEF-2B	23.2	18.3	55.6	40.5	1-3/16-18UNEF-2A	9.5
24	1-1/2-18UNEF-2B	29.5	18.3	58.7	43.7	1-7/16-18UNEF-2A	9.5
28	1-3/4-18UNS-2B	29.8	18.3	58.7	50.0	1-7/16-18UNEF-2A	9.5
32	2-18UNS-2B	37.5	18.3	61.9	56.4	1-3/4-18UNEF-2A	11.1
36	2-1/4-16UN-2B	43.8	18.3	61.9	62.7	2-18UNS-2A	12.7
48	3-16UN-2B	69.1	18.3	65.1	81.8	3-16UN-2A	15.9

PS.: Shell size and insert arrangement, please refer to page 2-3.