

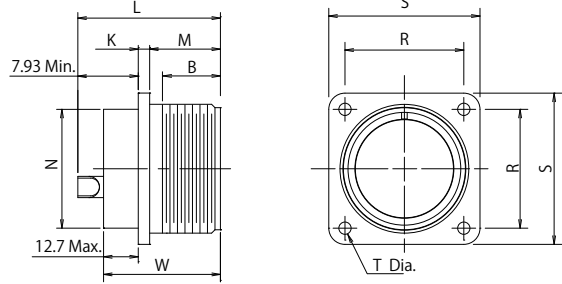
▶ Box Mount Receptacle

D/MS3102A18-10PY (62)

① ② ③ ④ ⑤ ⑥



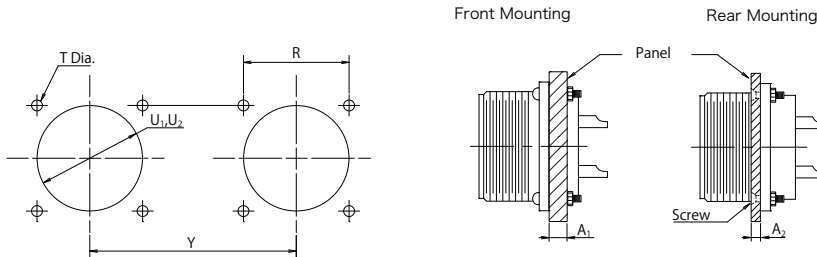
① Connector Style	3102A Box Mount Receptacle
② Shell Size	10SL, 12S, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36
③ Insert Arrangement	Refer to page 9 – page 10.
④ Contact Type	P : Pin Contact, S : Socket Contact
⑤ Alternate Key Positions	Omit : Standard Position, W,X,Y,Z : Refer to page 8.
⑥ Deviation	Omit : Silver Plated Contacts (Standard) (62) : Gold Plated Contacts (0.5 μm AU over Ni)



D/MS3102A is a receptacle connector which is mounted on the panel or the chassis with the cable terminated on the backend. This can mate with all of D/MS plug connectors.

Shell Size	A	B (Min.)	K±0.5	L (Max.)	M ^{+0.78} ₀	φ N±0.5	R±0.12	S±0.5	φ T ^{+0.25} _{-0.12}	W±0.5
10SL	5/8-24UNEF	9.53	2.0	30.25	14.28	15.75	18.26	25.40	3.05	21.85
12S	3/4-20UNEF	9.53	2.0	30.25	14.28	17.02	20.62	27.80	3.05	24.0
14S	7/8-20UNEF	9.53	2.0	30.25	14.28	19.05	23.02	30.20	3.05	24.0
16S	1-20UNEF	9.53	2.0	30.25	14.28	22.22	24.61	32.50	3.05	24.0
16	1-20UNEF	15.90	3.35	44.45	19.05	22.22	24.61	32.50	3.05	34.4
18	1 1/8-18UNEF	15.90	3.35	49.22	19.05	25.40	26.99	34.92	3.05	34.4
20	1 1/4-18UNEF	15.90	3.35	49.22	19.05	28.57	29.37	38.10	3.05	34.4
22	1 3/8-18UNEF	15.90	3.35	49.22	19.05	31.75	31.75	41.30	3.05	34.4
24	1 1/2-18UNEF	15.90	3.35	49.22	20.63	34.92	34.93	44.40	3.74	34.4
28	1 3/4-18UNS	15.90	3.35	49.22	20.63	41.27	39.67	50.80	3.74	34.4
32	2-18UNS	15.90	3.35	49.22	22.23	48.42	44.45	57.20	4.40	36.7
36	2 1/4-16UN	15.90	3.35	49.22	22.23	53.97	49.20	63.50	4.40	36.7

Panel Mounting Dimension



Shell Size	Y	R±0.13	T ^{+0.25} _{-0.12}	U1 (Min.)	U2 (Min.)	A1	A2	Panel Mounting Screw(Ref)	R Gasket	F Gasket
10SL	47	18.26	3.05	16.8	16.6	10	3.0	M3	P-100842-10SL	P-100841-10SL
12S	50	20.62	3.05	18.4	19.8	10	3.0	M3	P-100842-12	P-100841-12
14S	53	23.01	3.05	20.0	23.0	10	3.0	M3	P-100842-14	P-100841-14
16S, 16	56	24.61	3.05	23.1	26.1	10	3.0	M3	P-100842-16	P-100841-16
18	59	26.97	3.05	26.4	29.3	10	3.0	M3	P-100842-18	P-100841-18
20	62	29.36	3.05	29.5	32.5	10	3.0	M3	P-100842-20	P-100841-20
22	70	31.75	3.05	32.7	35.7	10	3.0	M3	P-100842-22	P-100841-22
24	73	34.92	3.75	35.9	38.8	10	3.0	M3.5	P-100842-24	P-100841-24
28	80	39.67	3.75	42.2	45.2	10	3.0	M3.5	P-100842-28	P-100841-28
32	86	44.45	4.40	49.3	51.5	10	3.0	M4	P-100842-32	P-100841-32
36	92	49.23	4.40	54.9	57.9	10	3.0	M4	P-100842-36	P-100841-36

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Your checking the latest specifications with our drawings would be highly appreciated.