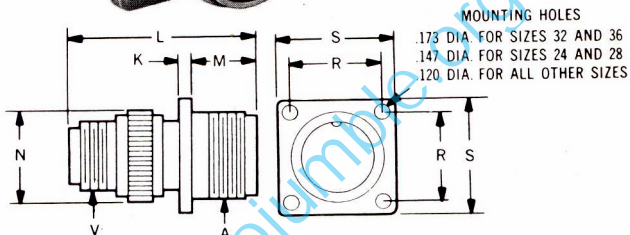
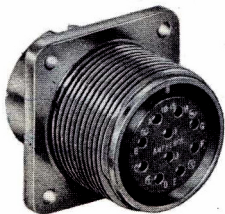


MS 3102A box receptacles

MS 3102A—Solid shell. Mounts directly on equipment, chassis, or panel and is designed for opening wiring. One-piece aluminium die cast shell contains an internal polarizing key for mating with polarizing keyway in plug front shell.



Dimensions (inches) MS 3102A

Con- nector Size	A Coupling Threads	K	L	M	N	O	R	S
8S	$\frac{1}{2}$ -28	$\frac{5}{64}$	$\frac{27}{32}$	$\frac{9}{16}$	$\frac{7}{16}$	.562	$\frac{19}{32}$	$\frac{7}{8}$
10S	$\frac{5}{8}$ -24	$\frac{5}{64}$	$\frac{27}{32}$	$\frac{9}{16}$	$\frac{1}{2}$	.688	$\frac{23}{32}$	1
10SL	$\frac{5}{8}$ -24	$\frac{5}{64}$	$\frac{27}{32}$	$\frac{35}{64}$	$\frac{5}{8}$	.812	$\frac{23}{32}$	1
12S	$\frac{3}{4}$ -20	$\frac{5}{64}$	$\frac{61}{64}$	$\frac{9}{16}$	$\frac{11}{16}$	.812	$\frac{13}{16}$	$1\frac{3}{32}$
12	$\frac{3}{4}$ -20	$\frac{5}{64}$	$1\frac{5}{16}$	$\frac{3}{4}$	$\frac{11}{16}$	.812	$\frac{13}{16}$	$1\frac{3}{32}$
12SL	$\frac{3}{4}$ -20	$\frac{5}{64}$	$\frac{27}{32}$	$\frac{35}{64}$	$\frac{11}{16}$	.938	$\frac{13}{16}$	$1\frac{3}{32}$
14S	$\frac{7}{8}$ -20	$\frac{5}{64}$	$\frac{15}{16}$	$\frac{9}{16}$	$\frac{3}{4}$	.938	$\frac{29}{32}$	$1\frac{3}{16}$
14	$\frac{7}{8}$ -20	$\frac{5}{64}$	$1\frac{5}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	.938	$\frac{29}{32}$	$1\frac{3}{16}$
16S	1-20	$\frac{5}{64}$	$\frac{15}{16}$	$\frac{9}{16}$	$\frac{7}{8}$	1.062	$\frac{31}{32}$	$1\frac{9}{32}$
16	1-20	$\frac{1}{8}$	$1\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1.062	$\frac{31}{32}$	$1\frac{9}{32}$
18	$1\frac{1}{8}$ -18	$\frac{1}{8}$	$1\frac{11}{32}$	$\frac{3}{4}$	1	1.188	$\frac{1}{16}$	$1\frac{3}{8}$
20	$1\frac{1}{4}$ -18	$\frac{1}{8}$	$1\frac{11}{32}$	$\frac{3}{4}$	$1\frac{1}{8}$	1.312	$\frac{15}{32}$	$1\frac{1}{2}$
22	$1\frac{3}{8}$ -18	$\frac{1}{8}$	$1\frac{11}{32}$	$\frac{3}{4}$	$1\frac{1}{4}$	1.438	$\frac{1}{4}$	$1\frac{5}{8}$
24	$1\frac{1}{2}$ -18	$\frac{1}{8}$	$1\frac{11}{32}$	$\frac{13}{16}$	$1\frac{3}{8}$	1.562	$\frac{13}{8}$	$1\frac{3}{4}$
28	$1\frac{3}{4}$ -18	$\frac{1}{8}$	$1\frac{11}{32}$	$\frac{13}{16}$	$1\frac{5}{8}$	1.812	$\frac{9}{16}$	2
32	2-18	$\frac{1}{8}$	$1\frac{7}{16}$	$\frac{7}{8}$	$1\frac{29}{32}$	2.062	$\frac{13}{4}$	$2\frac{1}{4}$
36	$2\frac{1}{4}$ -16	$\frac{1}{8}$	$1\frac{7}{16}$	$\frac{7}{8}$	$2\frac{1}{8}$	2.312	$1\frac{15}{16}$	$2\frac{1}{2}$