

INCH-POUND

MIL-PRF-15733/72D
w/AMENDMENT 1
8 October 2025
SUPERSEDING
MIL-PRF-15733/72D
8 October 2015

PERFORMANCE SPECIFICATION SHEET

FILTERS, RADIO FREQUENCY INTERFERENCE, HERMETICALLY SEALED, STYLE FL54

This specification sheet is approved for use by all Departments
and Agencies of the Department of Defense.

The complete requirements for acquiring the filters described
herein shall consist of this specification sheet and [MIL-PRF-15733](#).

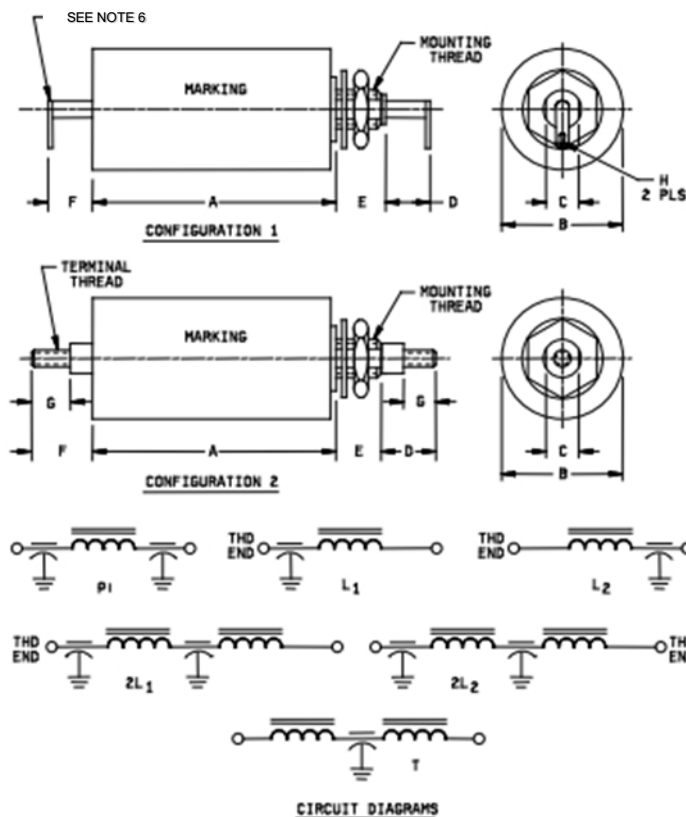


FIGURE 1. Case dimensions and circuit diagrams.



Dash number	Config-uration	Dimensions								Mounting thread	Terminal thread	Terminal thread length		Terminal hole/Slot
		A		B	C	D	E		F			G		H
		Min	Max	Max	Max	Max	Min	Max	Max			Min	Max	±.015 (0.38)
0001	1	1.32 (33.5)	1.44 (36.6)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0002	1	1.32 (33.5)	1.44 (36.6)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0003	1	1.75 (44.5)	1.87 (47.5)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0004	1	1.75 (44.5)	1.87 (47.5)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0005	1	1.57 (39.9)	1.69 (42.93)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0006	1	1.57 (39.9)	1.69 (42.93)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0007	1	1.63 (41.4)	1.75 (44.5)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0008	1	1.63 (41.4)	1.75 (44.5)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0009	1	1.88 (47.8)	2.00 (50.8)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0010	1	1.88 (47.8)	2.00 (50.8)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0011	1	2.75 (69.9)	2.87 (72.90)	1.27 (32.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0012	1	2.75 (69.9)	2.87 (72.90)	1.27 (32.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0013	1	2.00 (50.8)	2.12 (53.9)	1.15 (29.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0014	1	2.00 (50.8)	2.12 (53.9)	1.15 (29.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0015	2	2.54 (64.5)	2.68 (68.1)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0016	2	2.54 (64.5)	2.68 (68.1)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0017	1	2.44 (62.0)	2.56 (65.0)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0018	1	2.44 (62.0)	2.56 (65.0)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0019	1	2.56 (65.0)	2.68 (68.1)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0020	1	2.56 (65.0)	2.68 (68.1)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0021	1	2.81 (71.4)	2.93 (74.4)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)

FIGURE 1. Case dimensions and circuit diagrams - Continued.

Dash number	Config- uration	Dimensions								Mounting thread	Terminal thread	Terminal thread length		Terminal hole/Slot
		A		B	C	D	E		F			G		H
		Min	Max	Max	Max	Max	Min	Max	Max			Min	Max	±.015 (0.38)
0022	1	2.81 (71.4)	2.93 (74.4)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0023	1	3.06 (77.7)	3.18 (80.8)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0024	1	3.06 (77.7)	3.18 (80.8)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0025	2	4.19 (106.4)	4.31 (109.5)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0026	2	4.19 (106.4)	4.31 (109.5)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0027	2	4.81 (122.2)	4.93 (125.2)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0028	2	4.81 (122.2)	4.93 (125.2)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0029	2	4.94 (125.5)	5.06 (128.5)	2.27 (57.7)	1.075 (27.31)	.810 (20.57)	.540 (13.72)	.580 (14.73)	.810 (20.57)	1.125-18 UNEF-2A	.190-32 UNF-2A	.312 (7.92)	.375 (9.53)	NA
0030	2	4.94 (125.5)	5.06 (128.5)	2.27 (57.7)	1.075 (27.31)	.810 (20.57)	.540 (13.72)	.580 (14.73)	.810 (20.57)	1.125-18 UNEF-2A	.190-32 UNF-2A	.312 (7.92)	.375 (9.53)	NA
0031	2	5.94 (150.9)	6.06 (153.9)	2.27 (57.7)	1.075 (27.31)	.880 (22.35)	.540 (13.72)	.580 (14.73)	.880 (22.35)	1.125-18 UNEF-2A	.250-20 UNC-2A	.44 (11.2)	.50 (12.7)	NA
0032	2	5.94 (150.9)	6.06 (153.9)	2.27 (57.7)	1.075 (27.31)	.880 (22.35)	.540 (13.72)	.580 (14.73)	.880 (22.35)	1.125-18 UNEF-2A	.250-20 UNC-2A	.44 (11.2)	.50 (12.7)	NA
0033	1	1.88 (47.8)	2.00 (50.8)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0034	1	2.07 (52.6)	2.19 (55.6)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0035	1	2.19 (55.6)	2.31 (58.7)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0036	1	1.88 (47.8)	2.00 (50.8)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0037	1	2.26 (57.4)	2.38 (60.5)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0038	1	2.44 (62.0)	2.56 (65.8)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0039	1	2.32 (58.9)	2.44 (62.0)	.77 (19.6)	.260 (6.60)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0040	1	2.32 (58.9)	2.44 (62.0)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0041	1	4.13 (104.9)	4.25 (108.0)	1.27 (32.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)

FIGURE 1. Case dimensions and circuit diagrams - Continued.

Dash number	Config-uration	Dimensions								Mounting thread	Terminal thread	Terminal thread length		Terminal hole/Slot
		A		B	C	D	E		F			G		
		Min	Max	Max	Max	Max	Min	Max	Max			Min	Max	±.015 (0.38)
0042	1	2.19 (55.6)	2.31 (58.7)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0043	1	2.57 (65.3)	2.69 (68.3)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0044	2	3.82 (97.0)	3.94 (100.1)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0045	1	2.50 (63.6)	2.62 (66.5)	1.27 (32.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0046	2	3.44 (87.4)	3.56 (90.4)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0047	2	3.82 (97.0)	3.94 (100.1)	2.27 (57.7)	1.075 (27.31)	.690 (17.53)	.540 (13.72)	.580 (14.73)	.690 (17.53)	1.125-18 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0048	2	3.19 (81.0)	3.31 (84.1)	1.27 (32.3)	.540 (13.72)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.625-24 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0049	2	3.83 (97.3)	3.95 (100.3)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0050	2	3.94 (100.1)	4.06 (103.1)	2.27 (57.7)	1.075 (27.31)	.810 (20.57)	.540 (13.72)	.580 (14.73)	.810 (20.57)	1.125-18 UNEF-2A	.190-32 UNF-2A	.312 (7.92)	.375 (9.53)	NA
0051	2	3.94 (100.1)	4.06 (103.1)	2.27 (57.7)	1.075 (27.31)	.810 (20.57)	.540 (13.72)	.580 (14.73)	.810 (20.57)	1.125-18 UNEF-2A	.190-32 UNF-2A	.312 (7.92)	.375 (9.53)	NA
0052	2	3.94 (100.1)	4.06 (103.1)	2.27 (57.7)	1.075 (27.31)	.880 (22.35)	.540 (13.72)	.580 (14.73)	.880 (22.35)	1.125-18 UNEF-2A	.250-20 UNC-2A	.44 (11.2)	.50 (12.7)	NA
0053	2	4.44 (112.8)	4.57 (116.1)	2.27 (57.7)	1.075 (27.31)	.880 (22.35)	.540 (13.72)	.580 (14.73)	.880 (22.35)	1.125-18 UNEF-2A	.250-20 UNC-2A	.44 (11.2)	.50 (12.7)	NA
0054	1	1.88 (47.8)	2.00 (50.8)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0055	1	2.19 (55.6)	2.31 (58.7)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0056	1	1.88 (47.8)	2.00 (50.8)	.69 (17.5)	.211 (5.36)	.190 (4.83)	.230 (5.84)	.270 (6.86)	.190 (4.83)	.250-28 UNF-2A	NA	NA	NA	.062 (1.57)
0057	1	2.81 (71.4)	2.93 (74.4)	1.02 (25.9)	.380 (9.65)	.250 (6.35)	.420 (10.67)	4.60 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0058	1	2.32 (58.9)	2.44 (62.0)	.77 (19.6)	.260 (6.50)	.320 (8.13)	.260 (6.60)	.300 (7.62)	.320 (8.13)	.3125-24 UNF-2A	NA	NA	NA	.062 X .125 (1.57) X (3.18)
0059	1	4.13 (104.9)	4.25 (108.0)	1.27 (32.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0060	1	2.19 (55.6)	2.31 (58.7)	1.15 (29.2)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0061	2	3.82 (97.0)	3.94 (100.1)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA

FIGURE 1. Case dimensions and circuit diagrams - Continued.

Dash number	Config-uration	Dimensions								Mounting thread	Terminal thread	Terminal thread length		Terminal hole/Slot
		A		B	C	D	E		F			G		H
		Min	Max	Max	Max	Max	Min	Max	Max			Min	Max	±.015 (0.38)
0062	1	2.69 (68.3)	2.81 (71.4)	1.27 (32.3)	.380 (9.65)	.250 (6.35)	.420 (10.67)	.460 (11.68)	.250 (6.35)	.4375-20 UNF-2A	NA	NA	NA	.093 X .187 (2.36) X (4.75)
0063	2	3.82 (97.0)	3.94 (100.1)	1.77 (45.0)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0064	2	3.19 (81.0)	3.31 (84.1)	1.27 (32.3)	.540 (13.72)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.625-24 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0065	2	3.94 (100.1)	4.06 (103.1)	1.52 (38.6)	.666 (16.92)	.690 (17.53)	.480 (12.19)	.520 (13.21)	.690 (17.53)	.750-20 UNEF-2A	.164-32 UNC-2A	.312 (7.92)	.375 (9.53)	NA
0066	2	4.44 (112.8)	4.56 (115.8)	2.27 (57.7)	1.075 (27.3)	.810 (20.57)	.540 (13.72)	.580 (14.73)	.810 (20.57)	1.125-18 UNEF-2A	.190-32 UNF-2A	.312 (7.92)	.375 (9.53)	NA
0067	2	4.69 (119.1)	4.81 (122.2)	2.27 (57.7)	1.075 (27.3)	.810 (20.57)	.540 (13.72)	.580 (14.73)	.810 (20.57)	1.125-18 UNEF-2A	.190-32 UNF-2A	.312 (7.92)	.375 (9.53)	NA
0068	2	4.44 (112.8)	4.56 (115.8)	2.27 (57.7)	1.075 (27.3)	.880 (22.35)	.540 (13.72)	.580 (14.73)	.880 (22.35)	1.125-18 UNEF-2A	.250-20 UNC-2A	.44 (11.2)	.50 (12.7)	NA
0069	2	5.44 (138.2)	5.56 (141.2)	2.27 (57.7)	1.075 (27.3)	.880 (22.35)	.540 (13.72)	.580 (14.73)	.880 (22.35)	1.125-18 UNEF-2A	.250-20 UNC-2A	.44 (11.2)	.50 (12.7)	NA

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Circuit diagram is for information only.
4. Mounting hardware shall be supplied with filter.
5. Terminal identification (non-symmetrical filters): The case shall be marked at the threaded end of the filter, with the symbol "C" or the symbol "L" as follows:

<u>Circuit</u>	<u>Symbol</u>
L ₁	C
L ₂	L
2L ₁	C
2L ₂	L

6. Angle or bend of terminals for configuration 1 is optional.

FIGURE 1. Case dimensions and circuit diagrams - Continued.

MIL-PRF-15733/72D
w/AMENDMENT 1

REQUIREMENTS

Circuit diagrams and dimensions: See [figure 1](#) and [table I](#).

Case: Metal.

Case and mounting hardware finish: In accordance with [MIL-PRF-15733](#). Pure tin finish is prohibited.

Rated voltage: 100 volts dc, 30 volts ac, from dc to 400 Hz.

Rated current: See [table I](#).

Insertion loss: In accordance with [MIL-PRF-15733](#) and the following:

At +25°C the insertion loss shall be as specified in [table I](#).

At -55°C and +125°C the insertion loss shall be as specified in [table I](#) except up to 10 MHz, a degradation of 2dB from the value specified in [table I](#) shall be allowed.

Operating temperature range: -55°C to +125°C.

Seal: In accordance with [MIL-PRF-15733](#).

Temperature rise: In accordance with [MIL-PRF-15733](#) and the following:

25°C maximum for parts rated up to and including 10 amperes.

35°C maximum for parts rated above 10 amperes.

Maximum voltage drop: 1.0 volts ac (rms) and dc.

Insulation resistance: In accordance with [MIL-PRF-15733](#). Insulation resistance shall be not less than 1,000 megohms at +25°C, and shall be not less than 100 megohms or 100 megohm-microfarads, whichever is less at +125°C.

| Terminal strength: In accordance with [MIL-PRF-15733](#) and [MIL-STD-202-211](#) and the following:

Configuration 1: Test condition A, applied force shall be 5 pounds.

Configuration 2: Test condition E, torque shall be as specified in [MIL-PRF-15733](#).

| Salt atmosphere (corrosion): In accordance with [MIL-PRF-15733](#) and [MIL-STD-202-101](#); test condition A.

| Shock (specified pulse): In accordance with [MIL-PRF-15733](#) and [MIL-STD-202-213](#); test condition I.

| Vibration (high frequency): In accordance with [MIL-PRF-15733](#) and [MIL-STD-202-204](#); test condition B.

Moisture resistance: In accordance with [MIL-PRF-15733](#) except that after the 24 hour drying period, insulation resistance shall meet initial requirements.

| Life: In accordance with [MIL-PRF-15733](#) and [MIL-STD-202-108](#); test condition B

Solderability: In accordance with [MIL-PRF-15733](#). Not applicable to configuration 2.

Part or Identifying Number (PIN): M15733/72- (dash number from [table I](#)).

MIL-PRF-15733/72D
w/AMENDMENT 1
TABLE I. Electrical characteristics.

Dash number	Circuit diagram	Rated current (amps) ac (rms) or dc	Minimum insertion loss (dB) At +25° C in accordance with MIL-STD-220 1/									
			14 kHz	20 kHz	50 kHz	150 kHz	300 kHz	600 kHz	1 MHz	10 MHz	100 MHz	1 GHz
0001	L ₁	.5	---	---	---	30	40	50	60	60	60	60
0002	L ₂	.5	---	---	---	30	40	50	60	60	60	60
0003	L ₁	.5	---	---	---	50	60	60	60	60	60	60
0004	L ₂	.5	---	---	---	50	60	60	60	60	60	60
0005	L ₁	1.0	---	---	---	30	40	50	60	60	60	60
0006	L ₂	1.0	---	---	---	30	40	50	60	60	60	60
0007	L ₁	1.0	---	---	---	50	60	60	60	60	60	60
0008	L ₂	1.0	---	---	---	50	60	60	60	60	60	60
0009	L ₁	3.0	---	---	---	30	40	50	60	60	60	60
0010	L ₂	3.0	---	---	---	30	40	50	60	60	60	60
0011	L ₁	3.0	---	---	---	40	50	60	60	60	60	60
0012	L ₂	3.0	---	---	---	40	50	60	60	60	60	60
0013	L ₁	5.0	---	---	---	30	40	50	60	60	60	60
0014	L ₂	5.0	---	---	---	30	40	50	60	60	60	60
0015	L ₁	5.0	---	---	---	40	50	60	60	60	60	60
0016	L ₂	5.0	---	---	---	40	50	60	60	60	60	60
0017	2L ₁	.5	---	10	40	75	80	80	80	80	80	80
0018	2L ₂	.5	---	10	40	75	80	80	80	80	80	80
0019	2L ₁	1.0	---	10	40	75	80	80	80	80	80	80
0020	2L ₂	1.0	---	10	40	75	80	80	80	80	80	80
0021	2L ₁	3.0	---	---	30	65	80	80	80	80	80	80
0022	2L ₂	3.0	---	---	30	65	80	80	80	80	80	80
0023	2L ₁	5.0	---	---	30	65	80	80	80	80	80	80
0024	2L ₂	5.0	---	---	30	65	80	80	80	80	80	80
0025	2L ₁	10.0	---	---	30	65	80	80	80	80	80	80
0026	2L ₂	10.0	---	---	30	65	80	80	80	80	80	80
0027	2L ₁	20.0	---	---	10	55	80	80	80	80	80	80
0028	2L ₂	20.0	---	---	10	55	80	80	80	80	80	80
0029	2L ₁	30.0	---	---	10	55	80	80	80	80	80	80
0030	2L ₂	30.0	---	---	10	55	80	80	80	80	80	80
0031	2L ₁	50.0	---	---	10	55	80	80	80	80	80	80
0032	2L ₂	50.0	---	---	10	55	80	80	80	80	80	80
0033	Pi	.5	---	---	---	40	60	75	80	80	80	80
0034	Pi	.5	---	---	---	60	80	80	80	80	80	80
0035	Pi	.5	---	---	---	80	80	80	80	80	80	80
0036	Pi	1.0	---	---	---	40	60	75	80	80	80	80

See footnote at end of table.

MIL-PRF-15733/72D
w/AMENDMENT 1
TABLE I. Electrical characteristics - Continued.

Dash number	Circuit diagram	Rated current (amps) ac (rms) or dc	Minimum insertion loss (dB) at +25° C in accordance with MIL-STD-220 1/									
			14 kHz	20 kHz	50 kHz	150 kHz	300 kHz	600 kHz	1 MHz	10 MHz	100 MHz	1 GHz
0037	Pi	1.0	---	---	---	60	80	80	80	80	80	80
0038	Pi	1.0	---	---	---	80	80	80	80	80	80	80
0039	Pi	3.0	---	---	---	40	60	75	80	80	80	80
0040	Pi	3.0	---	---	---	60	80	80	80	80	80	80
0041	Pi	3.0	---	---	---	80	80	80	80	80	80	80
0042	Pi	5.0	---	---	---	40	60	75	80	80	80	80
0043	Pi	5.0	---	---	---	60	80	80	80	80	80	80
0044	Pi	5.0	---	---	---	80	80	80	80	80	80	80
0045	Pi	10.0	---	---	---	40	60	75	80	80	80	80
0046	Pi	10.0	---	---	---	60	80	80	80	80	80	80
0047	Pi	10.0	---	---	---	80	80	80	80	80	80	80
0048	Pi	20.0	---	---	---	40	60	75	80	80	80	80
0049	Pi	20.0	---	---	---	60	80	80	80	80	80	80
0050	Pi	30.0	---	---	---	40	60	75	80	80	80	80
0051	Pi	30.0	---	---	---	60	80	80	80	80	80	80
0052	Pi	50.0	---	---	---	40	60	75	80	80	80	80
0053	Pi	50.0	---	---	---	60	80	80	80	80	80	80
0054	T	.5	---	---	---	45	60	70	70	70	70	70
0055	T	.5	20	28	50	60	60	60	60	70	70	70
0056	T	1.0	---	---	---	35	50	60	70	70	70	70
0057	T	1.0	20	28	50	60	60	60	60	70	70	70
0058	T	3.0	---	---	---	25	35	45	60	70	70	70
0059	T	3.0	20	26	45	60	60	60	60	70	70	70
0060	T	5.0	---	---	---	25	35	45	60	70	70	70
0061	T	5.0	20	26	45	60	60	60	60	70	70	70
0062	T	10.0	---	---	---	25	35	45	50	70	70	70
0063	T	10.0	15	18	28	37	45	53	58	70	70	70
0064	T	20.0	---	---	---	25	35	45	50	70	70	70
0065	T	20.0	15	18	28	37	45	53	58	70	70	70
0066	T	30.0	---	---	---	25	35	45	50	70	70	70
0067	T	30.0	15	18	28	37	45	53	58	70	70	70
0068	T	50.0	---	---	---	25	35	45	50	70	70	70
0069	T	50.0	15	18	28	37	43	50	58	70	70	70

1/ Full-load insertion loss measurements shall be performed over the frequency range of 100 kHz to 20 MHz inclusive. Measurements below or above this frequency range shall be performed at no-load.

MIL-PRF-15733/72D
w/AMENDMENT 1

Periodic inspection: Group C inspection shall be in accordance with [MIL-PRF-15733](#) except as follows:

Inspection schedule for each subgroup shall be every 12 months.

MIL-PRF-15733/72, [MIL-PRF-15733/73](#), and [MIL-PRF-15733/74](#) styles may be combined for group C inspection provided that all styles are represented in the sample in the approximate ratio of production.

Recommended mounting torque:

Mounting thread	Recommended torque
.250 - 28	20 to 25 in-lb
.3125 -24	25 to 30 in-lb
.4375 - 20	60 to 70 in-lb
.625 - 24	100 to 115 in-lb
.750 - 20	120 to 140 in-lb
1.125 - 18	150 to 175 in-lb

Reference documents. In addition to [MIL-PRF-15733](#), this specification sheet references the following documents.

[MIL-PRF-15733/73](#)
[MIL-PRF-15733/74](#)
[MIL-STD-202-101](#)
[MIL-STD-202 -108](#)
[MIL-STD-202-204](#)
[MIL-STD-202-211](#)
[MIL-STD-202-213](#)
[MIL-STD-220](#)

Amendment notations. The margins of this specification sheet are marked with vertical line to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Custodian:
Army - CR
Navy - EC
Air Force - 85
DLA - CC

Preparing activity:
DLA - CC

(Project 5915-2025-005)

Review activities:
Army - AR, AT
Navy - AS, MC, OS
Air Force - 19

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil/>.