

MS18199C
w/AMENDMENT 1

Retaining plate designator	Connector size (number of contacts)	A ±.005 (0.13 mm)	B ±.005 (0.13 mm)	C (mm)	D (mm)	E (mm)	F ±.005 (0.13 mm)
MS18199-1	34	2.703 (68.66)	1.687 (42.85)	1.438 (36.53)	.750 (19.05)	1.328 (33.73)	.468 (11.89)
MS18199-2	42	3.016 (76.61)	2.000 (50.80)	1.750 (44.45)	.750 (19.05)	1.328 (33.73)	.468 (11.89)
MS18199-3	50	3.422 (86.92)	2.281 (57.94)	2.031 (51.59)	.750 (19.05)	1.453 (36.91)	.468 (11.89)
MS18199-4	75	3.422 (86.92)	2.281 (57.94)	2.031 (51.59)	1.109 (28.17)	1.797 (45.64)	.766 (19.46)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ±.016 inch (0.41 mm).
4. Material aluminum alloy in accordance with SAE AMS4016, temper H32, .040 inch (1.02 mm) thick.
5. Finish anodize in accordance with MIL-A-8625, type I or type II.

FIGURE 1. Retaining plate – Continued.

Qualification: Qualified sources for MIL-DTL-28748/1 through MIL-DTL-28748/6 that meet the qualification testing requirements in MIL-DTL-28748 require no further testing for the hardware.

Qualification of hardware only: the hardware shall be installed in a qualified connector and shall be subjected to the tests below in accordance with MIL-DTL-28748. Sample size, if qualifying all hardware configurations, shall be two connector pairs.

Visual and mechanical inspection
Vibration
Shock
Salt spray

Amendment notations. The margins of this specification are marked with vertical lines 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.

Referenced documents. In addition to MIL-DTL-28748, this document references the following:

MIL-A-8625
MIL-DTL-28748/1
MIL-DTL-28748/2
MIL-DTL-28748/3
MIL-DTL-28748/4
MIL-DTL-28748/5
MIL-DTL-28748/6
SAE AMS4016

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CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

Review activities:

Army - AM, AR, AT, CR4, MI
Navy - AS, MC, OS, SH
Air Force - 99

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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>.