

INCH-POUND

MS18205C
w/AMENDMENT 1
28 October 2013
SUPERSEDING
MS18205C
3 June 2013

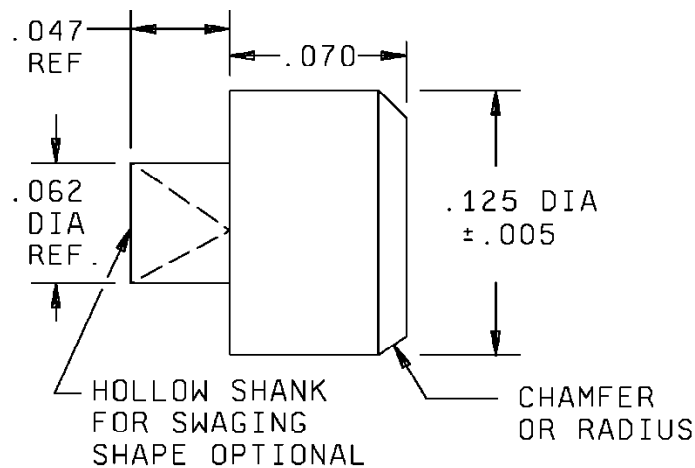
DETAIL SPECIFICATION SHEET

PIN, STRAIGHT HEADED

Reinstated after 10 July 2009 and may be used
for new and existing designs and acquisitions.

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

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-28748.



Designator MS18205

Inches	mm
.005	0.13
.047	1.19
.062	1.57
.070	1.78
.125	3.18

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is ± 0.016 inch (0.41 mm).
3. Metric equivalents are given for information only.
4. Material: Corrosion resistant steel in accordance with ASTM A484/A484M and ASTM A582/A582M, classes 302, 303, 303Se, 304, 316.
5. Passivated in accordance with SAE AMS2700.
6. Design standard for use with MS18203.

FIGURE 1. Pin polarizing configuration.

MS18205C
w/AMENDMENT 1

Pin polarizing configuration. See figure 1.

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-DTL-28748/1
MIL-DTL-28748/2
MIL-DTL-28748/3
MIL-DTL-28748/4
MIL-DTL-28748/5
MIL-DTL-28748/6
MS18203
ASTM A484/A484M
ASTM A582/A582M
SAE AMS2700

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

(Project 5935-2013-219)

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>.