

INCH-POUND

MIL-DTL-28804/9E  
w/AMENDMENT 1

16 May 2014

SUPERSEDING

MIL-DTL-28804/9E

28 October 2005

DETAIL SPECIFICATION SHEET

CONNECTORS, PIN CONTACT, ELECTRIC, RECTANGULAR,  
HIGH DENSITY, POLARIZED CENTER JACKSCREW,  
SIZE 22, CRIMP REMOVABLE

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-28804.

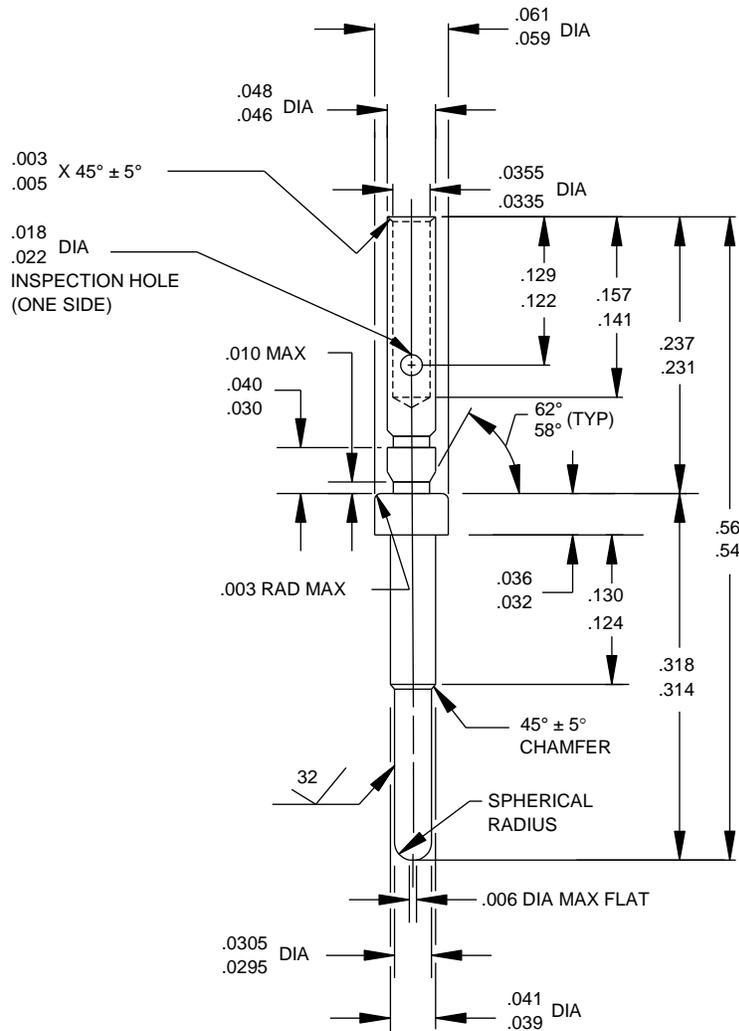


FIGURE 1. Connector, pin contact, size 22.

MIL-DTL-28804/9E  
w/AMENDMENT 1

Inches	mm	Inches	mm	Inches	mm
.003	0.08	.0335	0.851	.129	3.28
.005	0.13	.0355	0.902	.130	3.30
.008	0.20	.036	0.91	.141	3.58
.010	0.25	.039	0.99	.157	3.99
.012	0.30	.040	1.02	.231	5.87
.018	0.46	.041	1.04	.237	6.02
.020	0.51	.046	1.17	.314	7.98
.022	0.56	.048	1.22	.318	8.08
.0295	0.749	.059	1.50	.54	13.72
.030	0.76	.061	1.55	.56	14.22
.0305	0.775	.122	3.10		
.032	0.81	.124	3.15		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Machined surfaces shall have 63 or better nominal roughness grade (Ra) in accordance with ASME B46.1 unless otherwise specified.
4. Remove all burrs and sharp edges, .003 - .005 (0.08 – 0.13 mm) RAD unless otherwise specified.
5. All diameters shall be concentric with each other within .004 (0.10 mm) Total Indicator Runout (TIR).
6. Dimensions shown apply after plating.
7. For use in MIL-DTL-28804/10.
8. For mating contacts, see MIL-DTL-28804/10.

FIGURE 1. Connector, pin contact, size 22 – Continued.

MIL-DTL-28804/9E  
w/AMENDMENT 1

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Locator: M22520/2-01 crimp tool shall be used. Locator shall be M22520/2-36.

Installing/removal tool: M81969/1-04 or suitable equivalent.

Part or Identifying Number (PIN): M28804/9-1.

Referenced documents. In addition to MIL-DTL-28804, this document references the following:

MIL-DTL-28804/10  
ASME B46.1

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.

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2013-199)

Review activities:

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

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 <http://assist.dla.mil>.