

INCH-POUND

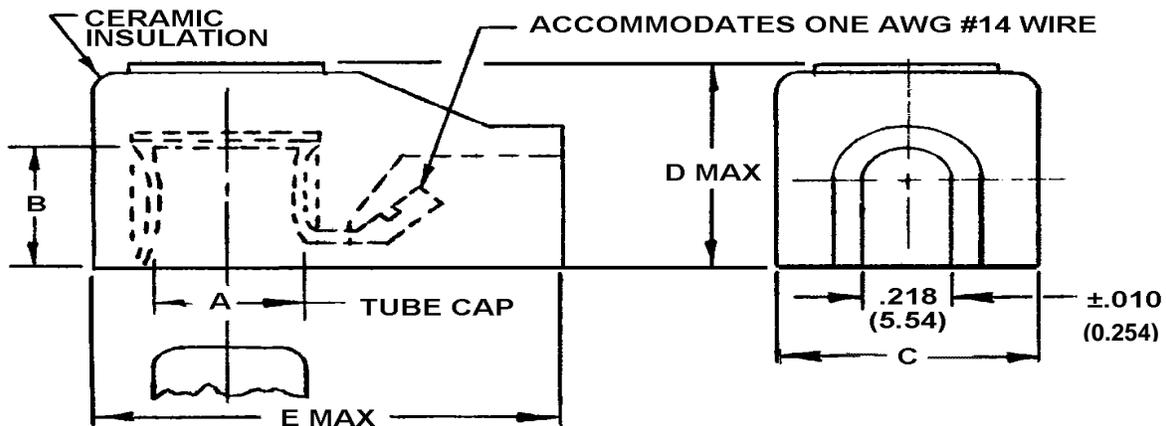
MIL-DTL-55422/1B
10 September 2015
SUPERSEDING
MIL-DTL-55422/1A
15 December 2001

DETAIL SPECIFICATION SHEET

CLIP, ELECTRICAL, GRID

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

The requirements for acquiring the relay described herein shall consist of this specification and the latest issue of [MIL-DTL-55422](#).



NOTES:

1. Dimensions are in inches; metric millimeter equivalents are given in parenthesis and are for general information only.
2. Drawing depicts only general design characteristics and is not intended to limit specific manufacturing processes.
3. Material - beryllium-copper alloy. Finish tin plate, not to exceed 97percent pure tin , by mass. See [MIL-DTL-55422](#) for requirements. Tolerance on flash shall be ± 0.008 (0.20 mm) on the extension and ± 0.005 (0.13 mm) on the thickness.

FIGURE 1. Dimensions and configurations.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data that may improve this document should be sent to: DLA Land and Maritime, ATTN: VAT, P.O. Box 3990, Columbus OH 43218-3990, or e-mail (relay@dla.mil). Since contact information can change you may want to verify the currency of the address information using the ASSIST Online database at <https://assist.dla.mil/>.



REQUIREMENTS:

Design and configurations: See [figure 1](#) and [table I](#).

Retaining and release force: 5 lbs. minimum; 15 lbs. maximum.

Finish: Electrodeposited tin-plate.

Part or Identifying Number (PIN): See [table I](#).

TABLE I. Dimensions and force.

Dash number	Dimensions (see figure)					Retaining and release force	
	A ± .005 (.13)	B	C ± .010 (.25)	D Max.	E ± .010 (.25)	Lbs. Max.	Lbs. Min.
-01	.250 (6.35)	.301 ±.005 (7.65 ±.13)	.625 (15.88)	.575 (14.61)	1.125 (28.58)	16.7	5
-02	.360 (9.14)	.383 ±.030 (9.73 ±.76)	.641 (16.28)	.575 (14.61)	1.141 (28.98)	16.7	5
-03	.566 (14.38)	.500 +.015 (12.70 +.38)	.828 (21.03)	.807 (20.50)	1.484 (37.69)	53.5	6.67

1/ "XX" in the PIN shall be replaced by the applicable dash number. Complete PIN example:
M55422/1-XX.

Referenced documents. This document references [MIL-DTL-55422](#).

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. 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 and relationship to the previous issue.

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