

INCH-POUND

AN3320
 REVISION 4
 16 August 2010
 SUPERSEDING
 REVISION 3
 15 January 2002

DETAIL SPECIFICATION SHEET

RELAY, 25 AMP, 1PST, UNSEALED, CLASS O

Inactive for new design after 15 June 1955.
 No superseding document.

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-PRF-6106](#).

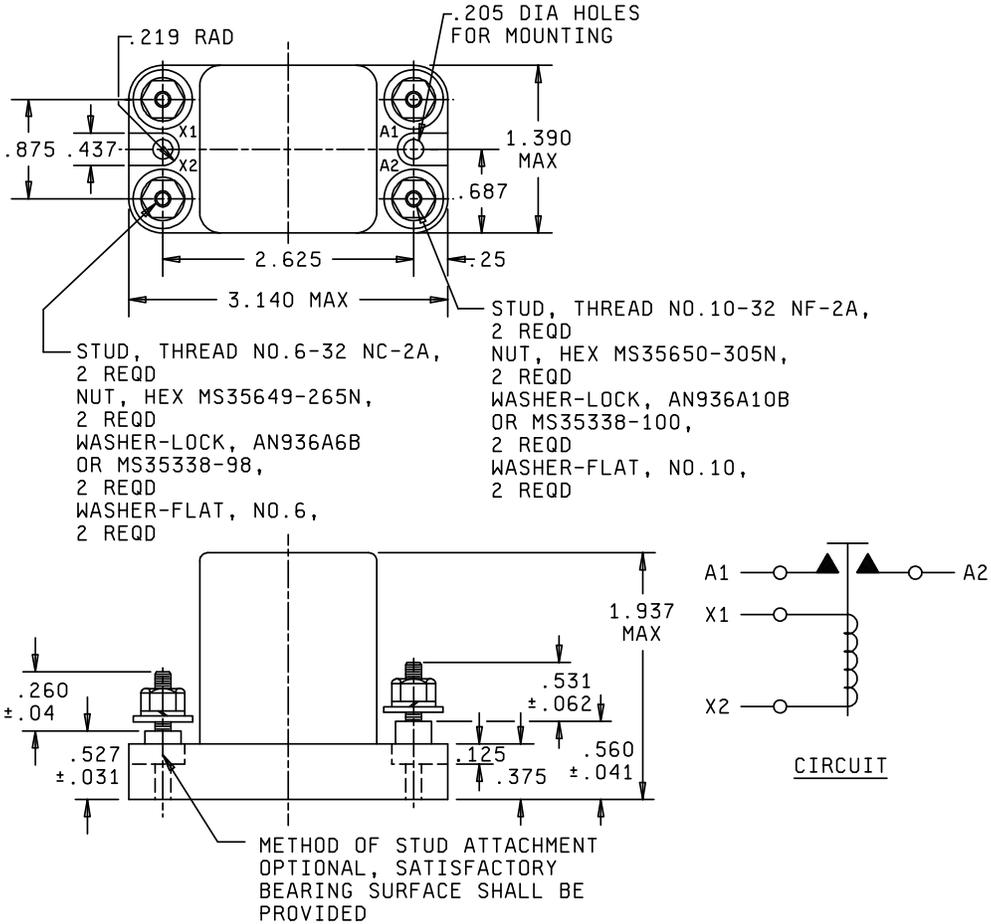


FIGURE 1. Configurations and dimensions.

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Inches	mm	Inches	mm
.016	0.406	.437	11.099
.031	0.787	.527	13.386
.040	1.016	.531	13.487
.041	1.041	.560	14.224
.062	1.574	.687	17.449
.125	3.175	.875	22.225
.205	5.207	1.390	35.506
.219	5.563	1.937	49.199
.250	6.350	2.625	66.675
.260	6.604	3.140	79.756
.375	9.525		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance are ± 0.016 (0.040 mm).
4. Terminal post holes shall be counterbored and properly filled with socket compound, or equivalent.

FIGURE 1. Configurations and dimensions - Continued.

REQUIREMENTS

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop: Not applicable.

Load ratings: See [Table I](#).

TABLE I - Rated contact load (per pole).

Type of load	Amperes
Resistive (DC)	25
Inductive	25
Motor	25

Overload current: Not applicable.

Rupture current: Not applicable.

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Coil data:

Nominal coil voltage: 28 volts.
Maximum operating voltage: 29 volts.
Pickup voltage: 18 volts.
Dropout voltage: 2 volts, minimum; 7 volts, maximum.
Rated duty: Continuous.
Coil current: 0.25 amperes, maximum.

Physical data:

Weight: 0.5 pounds, maximum.
Qualification by similarity: See [MIL-PRF-6106](#).
Retention of qualification: To retain qualification, the manufacturer shall submit group A acceptance reports on a yearly basis to the qualifying activity.
Quality conformance inspection: Performance of groups B and C tests are not applicable.
Part or Identifying Number (PIN): AN3320-1.

Custodian:
Army - AV
Air Force - 85
DLA - CC

Preparing activity:
DLA - CC

(Project 5945-2010-026)

Review activity:
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 <https://assist.daps.dla.mil/>.