

INCH-POUND

AN3320
 REVISION 3
 15 January 2002
 SUPERSEDING
 REVISION 2
 9 October 1957

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.

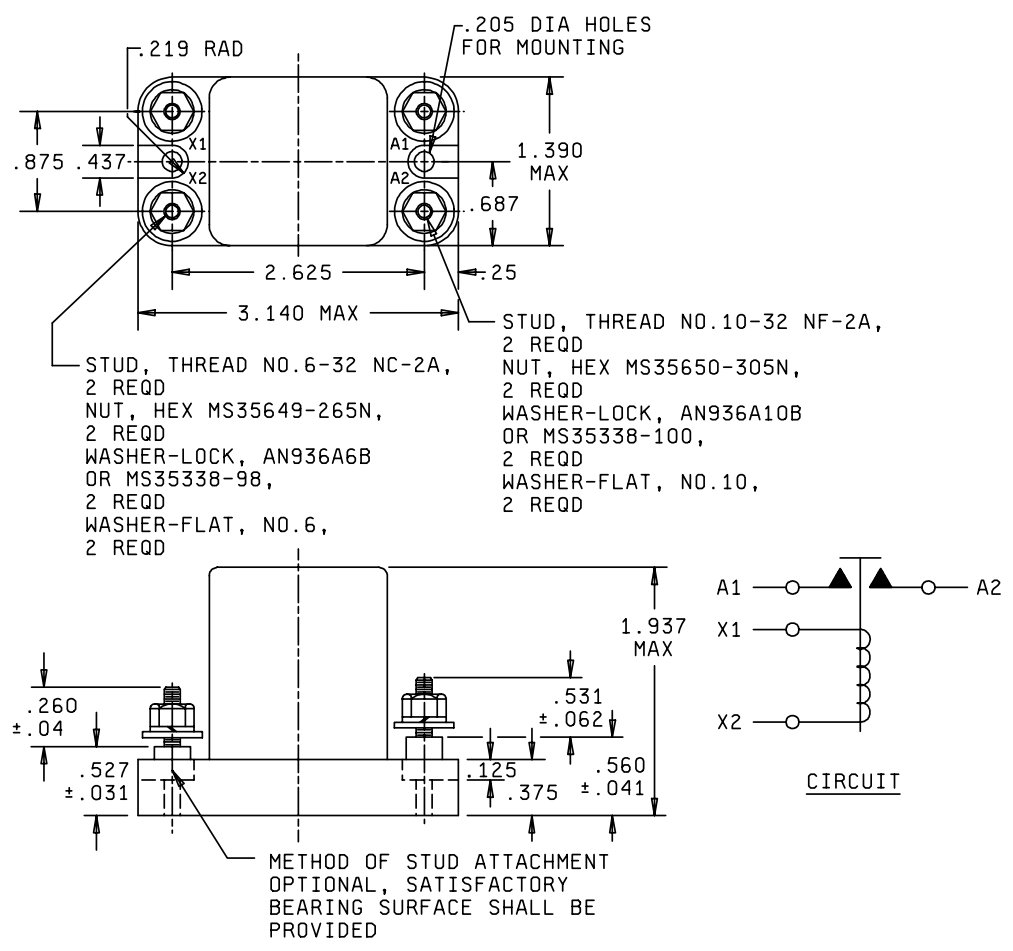


FIGURE 1. Configurations and dimensions.

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Inches	mm	Inches	mm
.016	0.040	.437	1.252
.031	0.079	.527	1.618
.040	0.102	.531	1.349
.041	0.104	.560	1.791
.062	0.157	.687	2.301
.125	0.318	.875	2.223
.205	0.521	1.390	5.375
.219	0.556	1.937	6.888
.250	0.635	2.625	6.668
.260	0.660	3.140	10.312
.375	0.953		

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 - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5945-1126-08)

Review activity:
Air Force - 99