

INCH-POUND

AN3324
 REVISION 5
 24 March 2020
 SUPERSEDING
 AN3324
 REVISION 4
 10 August 2010

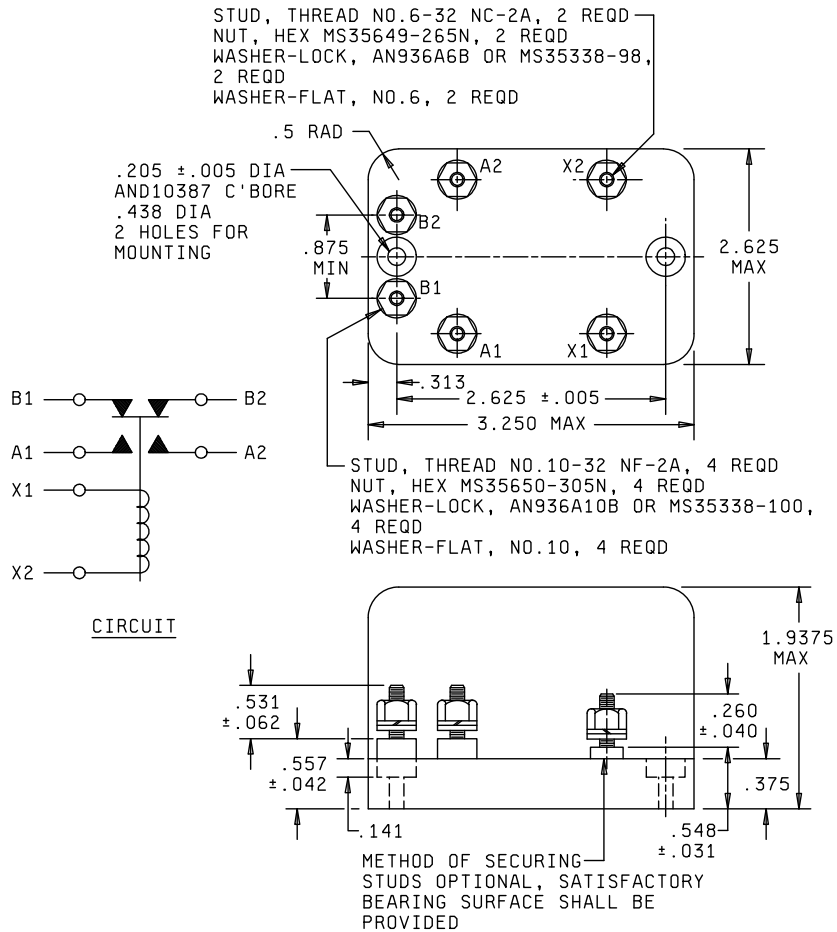
DETAIL SPECIFICATION SHEET

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

Inactive for new design after 22 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.



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Inches	mm	Inches	mm
.005	0.013	.313	0.795
.010	0.025	.375	0.953
.016	0.040	.438	1.113
.031	0.079	.531	1.349
.040	0.102	.548	1.392
.042	0.107	.557	1.415
.062	0.157	.875	2.223
.141	0.358	1.938	4.923
.205	0.521	2.625	6.668
.260	0.660	3.250	8.255

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. Contour shown by phantom lines is optional with the manufacturer provided the maximum dimensions specified are not exceeded.
5. Terminal post holes shall be counterbored and properly filled with socket compound, or equivalent.

FIGURE 1. Configurations and dimensions - Continued.

REQUIREMENTS

Operating cycles: 25,000 minimum.

Contact data:

Contact voltage drop: Not applicable.

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

TABLE I - Rated contact load (per pole).

Type of load	Normally Open Amperes	Normally Closed Amperes
Resistive (DC)	25	20
Inductive	20	20
Motor	20	10

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: 0.7 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): AN3324-1.
Supersession information: Supersedes USAF Drawing 32491.

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.

Referenced documents. In addition to [MIL-PRF-6106](#), this document references the following:

[AND10387](#)

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

Preparing activity:
DLA - CC

(Project 5945-2020-017)

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/>.