

INCH-POUND

AN3335  
 REVISION 4  
 15 January 2002  
 SUPERSEDING  
 REVISION 3  
 17 December 1957

DETAIL SPECIFICATION SHEET

RELAY, 5 AMP, 3PST, UNSEALED, CLASS O

Inactive for new design after 17 December 1957.  
 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.

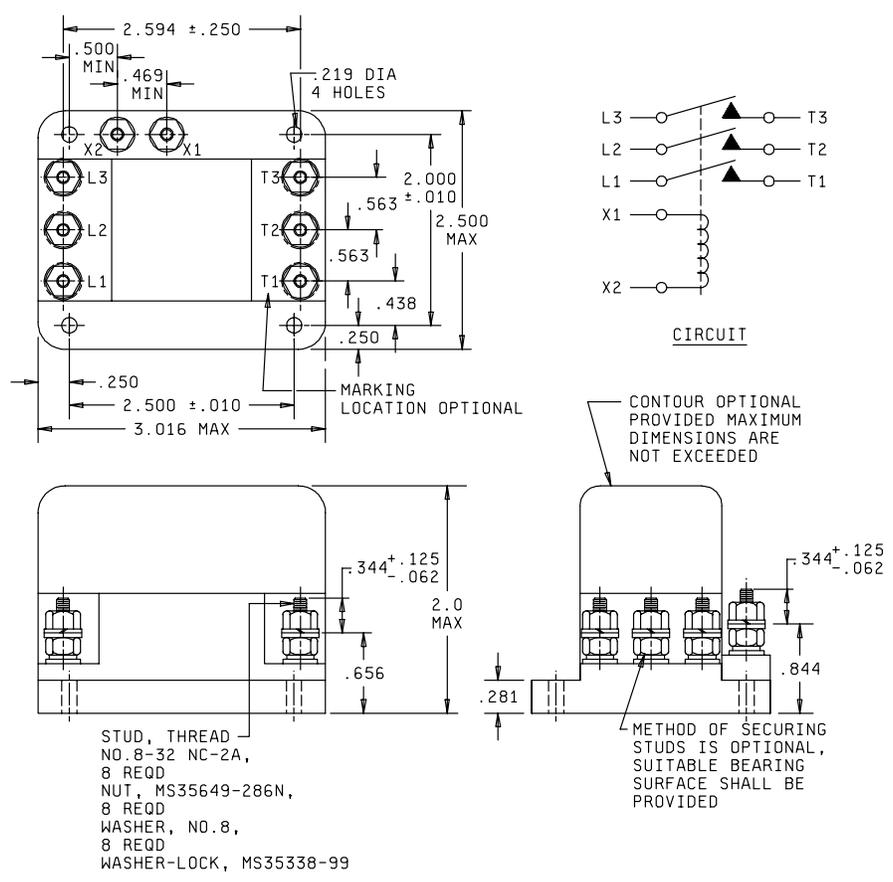


FIGURE 1. Configurations and dimensions.

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Inches	mm	Inches	mm
.010	0.025	.500	1.270
.062	0.158	.563	1.428
.125	0.317	.656	1.666
.219	0.555	.844	2.143
.250	0.635	2.000	5.08
.281	0.714	2.500	6.350
.344	0.873	2.594	6.588
.438	1.111	3.016	7.659
.469	1.191		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance are  $\pm 0.016$  (0.040 mm).

FIGURE 1. Configurations and dimensions - Continued.

REQUIREMENTS

Operating cycles: 50,000 minimum.

Contact voltage drop:

Initial: 0.150 volt maximum.

After life: 0.175 maximum.

Load ratings: See Table I.

TABLE I - Rated contact load (per pole).

Type of load	Amperes
Resistive (400Hz, 115/200 Volts AC or 28 Volts DC)	5
Inductive (DC 28 Volts)	2
Motor (400Hz, 115/200 Volts AC or 28 Volts DC)	5

Overload current: Not applicable.

Rupture current: Not applicable.

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Coil data:

Nominal operating voltage:

Coil: 28 volts DC.

Contacts: 400Hz, 115/200 Volts AC or 28 Volts DC.

Maximum continuous coil voltage: 29 volts.

Pickup voltage: 18 volts.

Hold voltage: 7 volts

Dropout voltage: 1.5 volts.

Rated duty: Continuous.

Coil current: 0.25 amperes, maximum at 29 volts DC.

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): AN3335-1.

Custodian:

Army - AV  
Air Force - 11  
DLA - CC

Preparing activity:

DLA - CC

(Project 5945-1126-07)

Review activity:

Air Force - 99