INCH-POUND

AN3362
REVISION 7
12 AUGUST 2010
SUPERSEDING
REVISION 6
27 October 1999

DETAIL SPECIFICATION SHEET

RELAY, 100 AMP, 2PST,
UNSEALED, CLASS O, TYPE II

INACTIVE FOR NEW DESIGN
AFTER 30 AUGUST 1957

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

The requirements for acquiring the product described herein shall consist
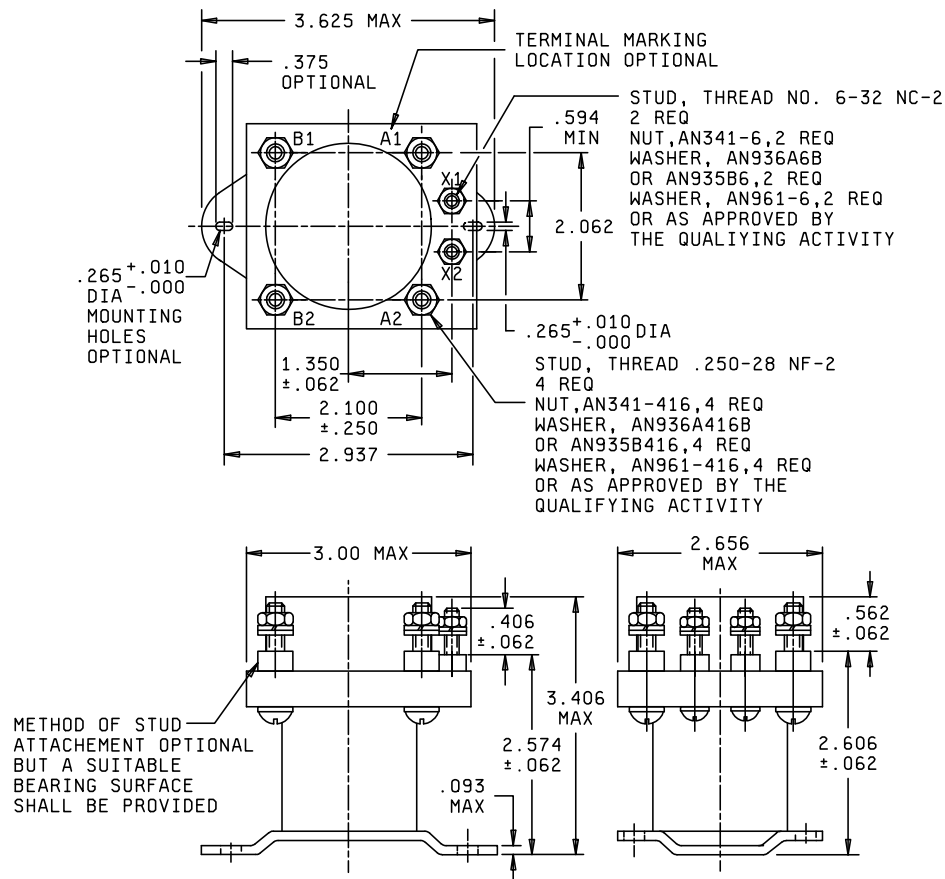of this specification and MIL-PRF-6106.

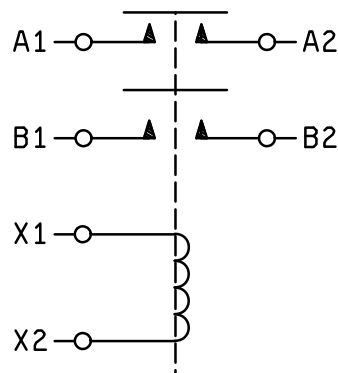FIGURE 1. Configurations and dimensions.

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A1 ——o   A2

B1 ——o   B2

X1 ——o

X2 ——o

CIRCUIT

Inches	mm
.010	0.25
.062	1.57
.093	2.36
.250	6.35
.265	6.73
.281	7.14
.375	9.53
.406	10.31
.562	14.27
.594	15.09
1.350	34.29
2.062	52.37
2.100	53.34
2.574	65.38
2.606	66.19
2.656	67.46
2.937	74.60
3.00	76.20
3.406	86.51
3.625	92.08

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± .010.

FIGURE 1. Configurations and dimensions - Continued.

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REQUIREMENTS:

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop:

Initial: 0.150 volt maximum.
After life: 0.175 volt maximum.

Load ratings: See Table I.

TABLE I Rated contact load (per pole).

Type of load	Amperes
Resistive (DC)	100
Resistive (AC 400 Hz, 115 volts)	75
Inductive	80
Motor (DC)	80
Motor (AC 400 Hz, 115 volts)	65

Coil data:

Nominal coil voltage: Rated.

Maximum operating voltage: 29 volts.

Pickup voltage: 20 volts.

Hold voltage: 7 volts.

Dropout voltage: 1.5

Rated duty: Continuous.

Coil current: 0.6 amperes

Physical data:

Weight: 1.5 pounds maximum.

Part or Identifying Number (PIN): AN3362-1

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Custodians: Preparing activity:
  Army - AV   DLA - CC
  Air Force - 85
  DLA – CC   (Project 5945-2010-025)

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/.