

INCH-POUND

AN3310
 REVISION 5
 15 January 2002
 SUPERSEDING
 REVISION 4
 27 July 1956

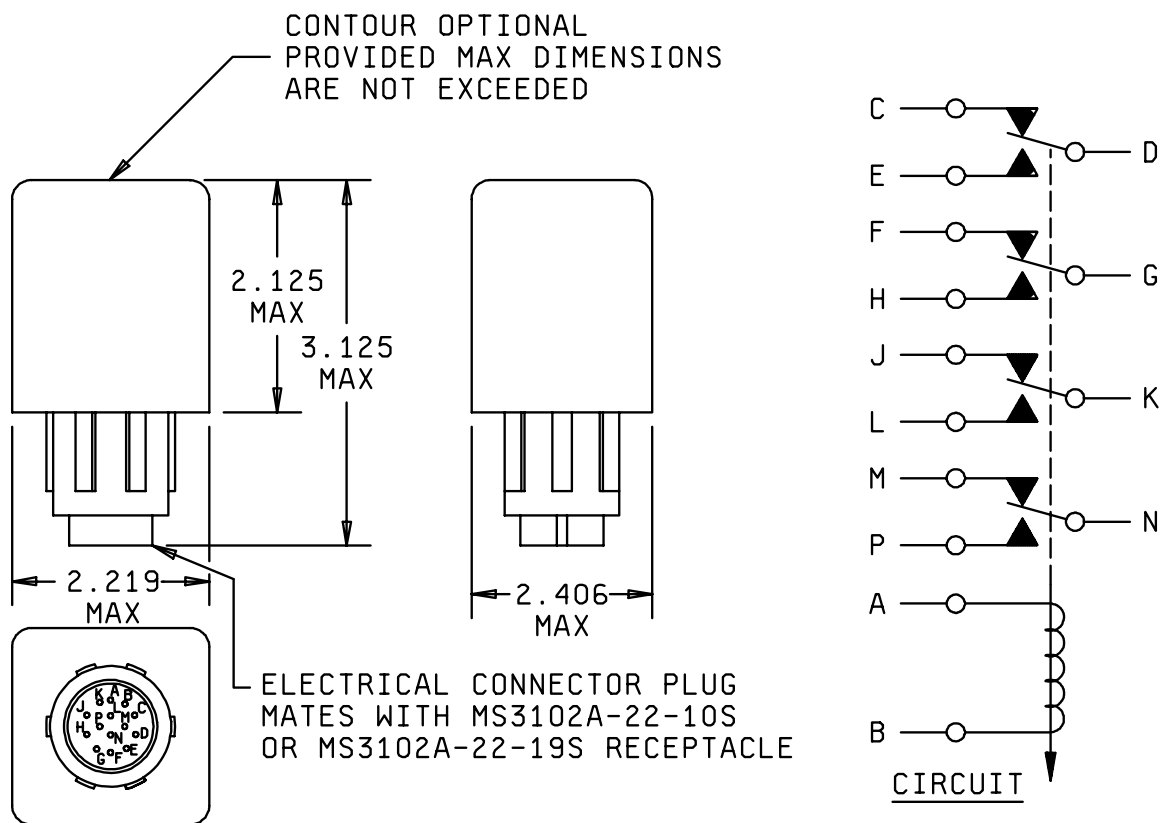
DETAIL SPECIFICATION SHEET

RELAY, 10 AMP, 4PDT, SEALED,
 CONNECTOR MOUNTING, CLASS O

Inactive for new design after 17 November 1954.
 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
.016	0.040
2.125	5.400
2.219	5.646
2.406	6.112
3.125	7.938

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).

FIGURE 1. Configurations and dimensions - Continued.

REQUIREMENTS

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop:

Initial: 0.150 volt maximum. Applicable only for AN3310-2.

After life: 0.175 maximum. . Applicable only for AN3310-2.

Load ratings: See Table I.

TABLE I - Rated contact load (per pole).

Type of load	Amperes
Resistive (DC)	10
Resistive (AC 400 Hz, 115 volts)	10
Inductive	10
Motor	6

Overload current: See MIL-PRF-6106. Not applicable to AN3310-1.

Rupture current: See MIL-PRF-6106. Not applicable AN3310-1.

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Coil data:

Nominal coil voltage: 28 volts.
Maximum operating voltage: 29 volts.
Pickup voltage: 18 volts.
Hold voltage: 7 volts
Dropout voltage: 1.5 volts.
Rated duty: Continuous.
Coil current: 0.35 amperes, maximum.

Physical data:

Weight: 0.75 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): AN3310-1 and AN3310-2.

AN3310-2 relays shall meet the mixed loads current requirements specified in MIL-PRF-6106. The relay shall be equipped with a glass to metal sealed electrical connector.

Supersession information: Supersedes USAF Drawing 50B6188.

Custodian:
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

Review activity:
Air Force - 99

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