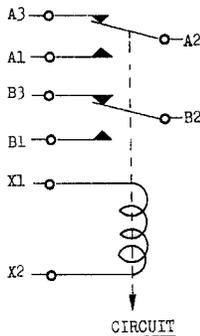
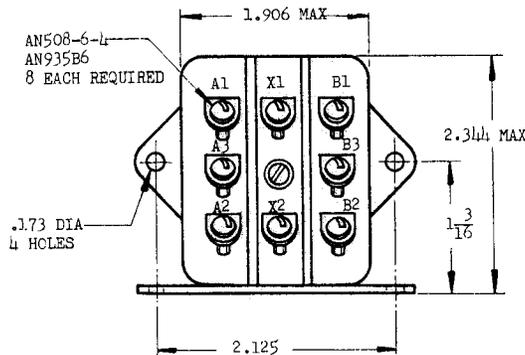
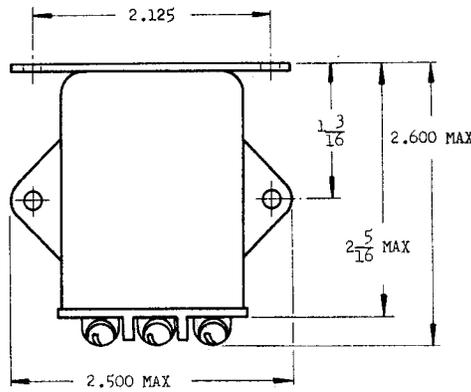


NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval above.

NOTE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a Government procurement operation, the United States Government hereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise in any manner limiting the liability or any other person or corporation, or conveying any rights or permissions to manufacturers, users, or sell any patented invention that may in any way be related thereto.



AN PART NO.
AN3311-1
AN3311-2

DETAIL REQUIREMENTS:

- (A) MAXIMUM OPERATING VOLTAGE 29 VOLTS
- (B) PICK-UP VOLTAGE 18 VOLTS
- (C) DROP-OUT VOLTAGE 7 VOLTS +0, -5.5
- (D) RATED LOAD: (PER POLE)

LOAD	NORMALLY OPEN	NORMALLY CLOSED
RESISTIVE DC	10 AMP	10 AMP
RESISTIVE AC 400 CYCLES 115 VOLTS	10 AMP	10 AMP
INDUCTIVE	10 AMP	10 AMP
MOTOR	6 AMP	6 AMP

- (E) COIL CURRENT 0.20 AMP MAX
- (F) MINIMUM OPERATING PERIOD 3 HOURS
- (G) MINIMUM OPERATING CYCLES 50,000
- (H) MAXIMUM WEIGHT 0.44 POUND
- (I) RATED DUTY CONTINUOUS
- (J) NOMINAL COIL VOLTAGE -28 VOLTS

3 INTERCHANGEABILITY RELATIONSHIP - MS24149 PARTS CAN UNIVERSALLY REPLACE THE INACTIVATED AN3311 PARTS IDENTIFIED BY THE SAME DASH NUMBERS; BUT THE INACTIVATED AN3311 PARTS CANNOT ALWAYS REPLACE THE SUPERSEDING MS24149 PARTS.

WIRING DIAGRAM TO BE PACKED WITH EACH RELAY.

THE AIRPLANE OR ENGINE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING FOR INSTALLATIONS. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64, DECIMALS ±.010.

OVERLOAD, RUPTURE, AND CONTACT DROP TESTS OF SPECIFICATION MIL-R-6106 ARE NOT APPLICABLE TO PART NUMBER AN3311-1 RELAY.

PART NUMBER AN3311-1 INACTIVE FOR DESIGN AFTER 10 APRIL 1956.

3 PART NUMBERS AN3311-1 AND AN3311-2 ARE REPLACED BY PART NUMBER MS24149D1. FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337.

PART NUMBER AN3311-2 RELAY SHALL MEET MINIMUM CURRENT REQUIREMENTS ESTABLISHED IN THE PROCUREMENT SPECIFICATION.

3 INACTIVE FOR DESIGN AFTER 30 NOVEMBER 1959. USE MS24149.

PROCUREMENT SPECIFICATION MIL-R-6106	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN3311
	RELAY, 10 AMP, 2 PDT, HERMETICALLY SEALED	