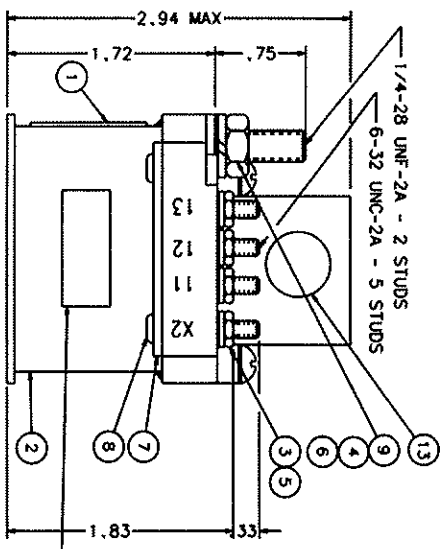
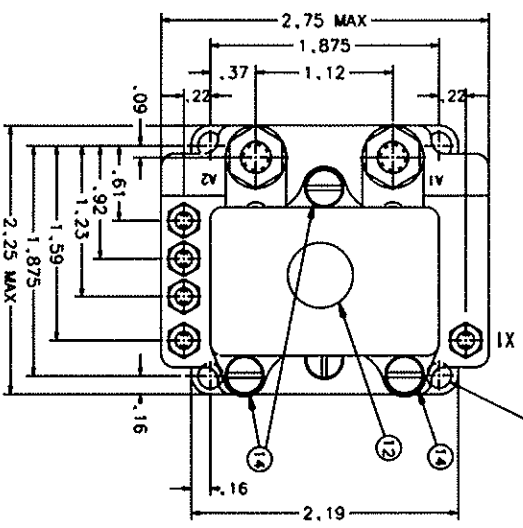


FAA-PMA

.203 DIA HOLE
4 MTG HOLES
SEE NOTE 5



CONSTRUCTION

MAIN CONTACTS

CONFIGURATION
VOLTAGE (NOM.)

CURRENT RES.

AUXILIARY CONTACTS

CONFIGURATION
VOLTAGE
CURRENT RES.

COIL DATA

MAX OPERATE
MIN OPERATE
PICKUP AT 25°C
DROPOUT
RES AT 25°C
DUTY CYCLE

ENVIRONMENTAL DATA

AMBIENT TEMP
VIBRATION
LIFE ELECTRICAL
LIFE MECHANICAL
WEIGHT MAX (EST)

GASKET SEALED, SILASTIC SEALED

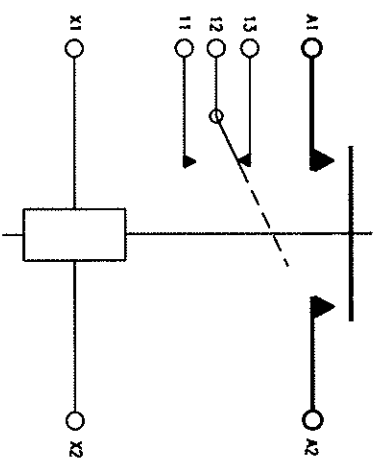
SPST N.O.

28 VDC
100 AMP

SPDT
28 VDC
5 A

32 VDC
24 VDC
16.5 V MAX.
1 TO 7 VDC
70 OHM ±20%
CONTINUOUS

-55°C TO +71°C
10G'S 55-1000
50,000 CYCLES MIN
100,000 CYCLES MIN
1 LB 8 OZ



| REV | DESCRIPTION | DATE | APPROVED |
|-----|--|----------|----------|
| K | 31478 ADDED NOTE 4 | 96/11/13 | RS |
| L | 39029 QTY. OF ITEM 12 WAS 1. QTY. OF ITEM 13 WAS 4 | 99/03/19 | RS |
| M | 42105 FIND 11 WAS 39529-055. NOTE 5 ADDED | 00/03/31 | RS |
| N | 42727 UPDATED VIEW OF COVER BRIDGE AND NOTE 3 | 00/06/22 | CC |
| P | 43913 RELOCATED 1.83 DIA TO TOP OF NUT | 01/01/19 | CC |
| R | 6471-04 ITEM 1 WAS 41695-001. REMOVED ITEM 11 | 04/06/01 | CC |

- NOTES:
- THIS UNIT MEETS THE MATERIAL AND WORKMANSHIP REQUIREMENTS OF MIL-R-6106.
 - TERMINALS A1 AND A2 ARE STAINLESS STEEL. AUXILIARY AND COIL TERMINALS ARE BRASS. ALL TERMINALS AND TERMINAL HARDWARE ARE SILVER PLATED.
 - RELAY BODY CONSTRUCTED OF MAGNETIC IRON AND PAINTED WITH BLACK LAQUER. TERMINAL INSULATION MATERIAL AND COVER BRIDGE ARE MINERAL GLASS POLYESTER PER ASTM D5948.
 - FAA/PMA PLATE (AND OVERLAY) NOT REQUIRED ON UNITS SUPPLIED TO ORIGINAL EQUIPMENT MANUFACTURERS.
 - PAINT REMOVED FROM 2 OPPOSITE MTG HOLES, TOP & BOTTOM, FOR GROUNDING PURPOSES.

| NO | QTY | IDENTIFYING NO | PART OR IDENTIFYING NO | NONCALTURE OR DESCRIPTION | DRAWING OR SPECIFICATION | MATERIAL OR NOTE |
|----|-----|----------------|------------------------|-----------------------------|--------------------------|------------------|
| 1 | 1 | | 58400-001 | OVERLAY - FAA/PMA | | |
| 2 | 2 | | 51703-064 | WASHER 1/2x17/64x.032 | | BRASS |
| 3 | 2 | | 57200-032 | BLACK VINYL MARKING #4072V | | |
| 4 | 2 | | 57200-032 | BLACK VINYL MARKING #4112V | | |
| 5 | 2 | | 51806-014 | WASHER. LOCK No. 6 SPLIT | | BRASS |
| 6 | 2 | | 51807-034 | NUT. HEX 1/4-20x7/16x3/16 | | BRASS |
| 7 | 2 | | 50407-364 | NUT. HEX 6-32x3/16x5/64 | | BRASS |
| 8 | 2 | | 50406-014 | NUT. HEX 6-32x3/16x5/64 | | BRASS |
| 9 | 2 | | 36281-010 | CONTRACTOR ASSEMBLY-PRIMARY | | |
| 10 | 1 | | 47618-002 | PLATE - NAME | | |

| | | | |
|--|------------|----------|------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE | ±.06 | ±.010 | ±.1* |
| MATERIAL | CMM | | |
| DR BY | CSC | 01/02/13 | |
| CHK BY | CC | 01/02/13 | |
| ENGR | JL | 01/02/14 | |
| MF | NH | 01/02/15 | |
| SIZE | CODE IDENT | | |
| C | 74063 | | |
| SCALE | NONE | SHEET | |

| | |
|--|---|
| 19 | Horticon Electronics 175 N. Diamond Street Waukegan, IL 60087 |
| CONTACTOR - S.P.S.T. N.O. 100 AMP, 28 VDC | |
| DWG NO. A-1077DD | |
| REF TYCO P/N 0-1616055-3 | |