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| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------|-----------------|-----------|------|----|--|
| P | LTR | DESCRIPTION | DATE | DWN | APVD | | |
| - | - | A | INITIAL RELEASE | 180118 | PF | AR | |

MASTER KEYWAY



ACT 24 X X XX X X

KEYING POSITION
 CONTACT CODE
 P = 500 CYCLE PIN
 S = 500 CYCLE SOCKET
 A = LESS PIN
 B = LESS SOCKET
 H = 1500 CYCLE PIN
 J = 1500 CYCLE SOCKET

INSERT ARRANGEMENT
 SHELL SIZE
 FINISH
 J = OLIVE DRAB CADMIUM
 M = NICKEL

JAM NUT RECEPTACLE
 GENERAL IDENTIFIER
 ACT = ALL COMPOSITE TECHNOLOGY

- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. THREAD CALLOUT IS METRIC.
- MATERIAL/FINISH
 SHELL - COMPOSITE, PLATED.
 O-RING: FLUOROSILICONE, SILICONE.
 PANEL NUT - COMPOSITE, PLATED.
 CONTACTS - COPPER ALLOY, DEUTSCHCOAT V (H/J) OR GOLD (P/S).
 RESILIENT INSERTS - SILICONE ELASTOMER.
 PLASTIC INSERTS - THERMOPLASTIC.
- GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE INTERMATEABILITY REQUIREMENTS OF MIL-DTL-38999 SERIES III.
- FOR APPLICABLE KEYING DIAGRAM, SEE MIL-DTL-38999. FOR INSERT ARRANGEMENTS, SEE MIL-STD-1560. CONSULT FACTORY FOR AVAILABILITY.

| PART NUMBER | SHELL SIZE | ØA ±.012 | B FLAT ±.005 | C THREAD | D THREAD |
|-------------|------------|----------|--------------|-------------------|-------------------|
| ACT24xAxxxx | 09 | 1.189 | .650 | M17x1.0-6g 0.100R | M12x1.0-6g 0.100R |
| ACT24xBxxxx | 11 | 1.374 | .750 | M20x1.0-6g 0.100R | M15x1.0-6g 0.100R |
| ACT24xCxxxx | 13 | 1.500 | .937 | M25x1.0-6g 0.100R | M18x1.0-6g 0.100R |
| ACT24xDxxxx | 15 | 1.626 | 1.061 | M28x1.0-6g 0.100R | M22x1.0-6g 0.100R |
| ACT24xExxxx | 17 | 1.752 | 1.186 | M32x1.0-6g 0.100R | M25x1.0-6g 0.100R |
| ACT24xFxxxx | 19 | 1.937 | 1.311 | M35x1.0-6g 0.100R | M28x1.0-6g 0.100R |
| ACT24xGxxxx | 21 | 2.063 | 1.436 | M38x1.0-6g 0.100R | M31x1.0-6g 0.100R |
| ACT24xHxxxx | 23 | 2.189 | 1.561 | M41x1.0-6g 0.100R | M34x1.0-6g 0.100R |
| ACT24xJxxxx | 25 | 2.311 | 1.686 | M44x1.0-6g 0.100R | M37x1.0-6g 0.100R |

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. THREAD CALLOUT IS METRIC.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN CRAIG BROWN 150102
 CHK EHAB ALAWNEH 150102

APVD -

NAME ACT SERIES JAM NUT RECEPTACLE ENVELOPE

PRODUCT SPEC -
 APPLICATION SPEC -
 WEIGHT -

SIZE A2 CAGE CODE - DRAWING NO. ACT24xxxxxx RESTRICTED TO -
 SCALE 3.000 SHEET 1 OF 1 REV A

CUSTOMER DRAWING

Mouser Electronics

Authorized Distributor

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[YACT24MB02HB-61490](#)