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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 |

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 -

SIZE A2 CAGE CODE - DRAWING NO. ACT24xxxxxx RESTRICTED TO -

MATERIAL - WEIGHT -

CUSTOMER DRAWING SCALE 3.000 SHEET 1 OF 1 REV A

# Mouser Electronics

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