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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: FLUROSILICONE, 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	<b>STE</b> TE Connectivity															
		CHK EHAB ALAWNEH 150102																
DIMENSIONS: INCH		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME ACT SERIES JAM NUT RECEPTACLE ENVELOPE														
<table border="0"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.1</td></tr> <tr><td>2 PLC</td><td>±0.01</td></tr> <tr><td>3 PLC</td><td>±0.005</td></tr> <tr><td>4 PLC</td><td>±0.0001</td></tr> <tr><td>ANGLES</td><td>±</td></tr> <tr><td>FINISH</td><td></td></tr> </table>		0 PLC	±	1 PLC	±0.1	2 PLC	±0.01	3 PLC	±0.005	4 PLC	±0.0001	ANGLES	±	FINISH		APVD -	PRODUCT SPEC -	RESTRICTED TO -
0 PLC	±																	
1 PLC	±0.1																	
2 PLC	±0.01																	
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4 PLC	±0.0001																	
ANGLES	±																	
FINISH																		
MATERIAL -		APPLICATION SPEC -	WEIGHT -	SIZE A2														
		CUSTOMER DRAWING	SCALE 3.000	SHEET 1 OF 1 REV A														

# Mouser Electronics

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