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



ACT 20 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
- SQUARE FLANGE RECEPTACLE
- GENERAL IDENTIFIER
  - ACT = ALL COMPOSITE TECHNOLOGY

INDICATOR BAND, RED  
 INDICATOR BAND, BLUE

PART NUMBER	SHELL SIZE	D THREAD	P ±.008	PP ±.008	R1	R2	S ±.012	V +.055 -.000	W
ACT20xAxxxx	09	M12x1.0-6g 0.100R	.128	.216	.719	.594	.937	.768	.083/.144
ACT20xBxxxx	11	M15x1.0-6g 0.100R	.128	.194	.812	.719	1.032	.768	.083/.144
ACT20xCxxxx	13	M18x1.0-6g 0.100R	.128	.194	.906	.812	1.126	.768	.083/.144
ACT20xDxxxx	15	M22x1.0-6g 0.100R	.128	.173	.969	.906	1.221	.768	.083/.144
ACT20xExxxx	17	M25x1.0-6g 0.100R	.128	.194	1.062	.969	1.311	.768	.083/.144
ACT20xFxxxx	19	M28x1.0-6g 0.100R	.128	.194	1.156	1.062	1.437	.768	.083/.144
ACT20xGxxxx	21	M31x1.0-6g 0.100R	.128	.194	1.250	1.156	1.563	.736	.083/.171
ACT20xHxxxx	23	M34x1.0-6g 0.100R	.154	.242	1.375	1.250	1.689	.736	.083/.171
ACT20xJxxxx	25	M37x1.0-6g 0.100R	.154	.242	1.500	1.375	1.811	.736	.083/.171

- FOR APPLICABLE KEYING DIAGRAM, SEE MIL-DTL-38999. FOR INSERT ARRANGEMENTS, SEE MIL-STD-1560. CONSULT FACTORY FOR AVAILABILITY.
- GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE INTERMATEABILITY REQUIREMENTS OF MIL-DTL-38999 SERIES III.
- MATERIAL/FINISH
  - SHELL - COMPOSITE, PLATED.
  - CONTACTS - COPPER ALLOY, DEUTSCHCOAT V (H/J) OR GOLD (P/S).
  - RESILIENT INSERTS - SILICONE ELASTOMER.
  - PLASTIC INSERTS - THERMOPLASTIC.

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 SQUARE FLANGE ENVELOPE

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

SCALE 4.000 SHEET 1 OF 1 REV A

SIZE A2 CAGE CODE 11139 DRAWING NO. ACT20xxxxxx

RESTRICTED TO -

# Mouser Electronics

Authorized Distributor

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[YACT20MJ04SD-61490](#)