

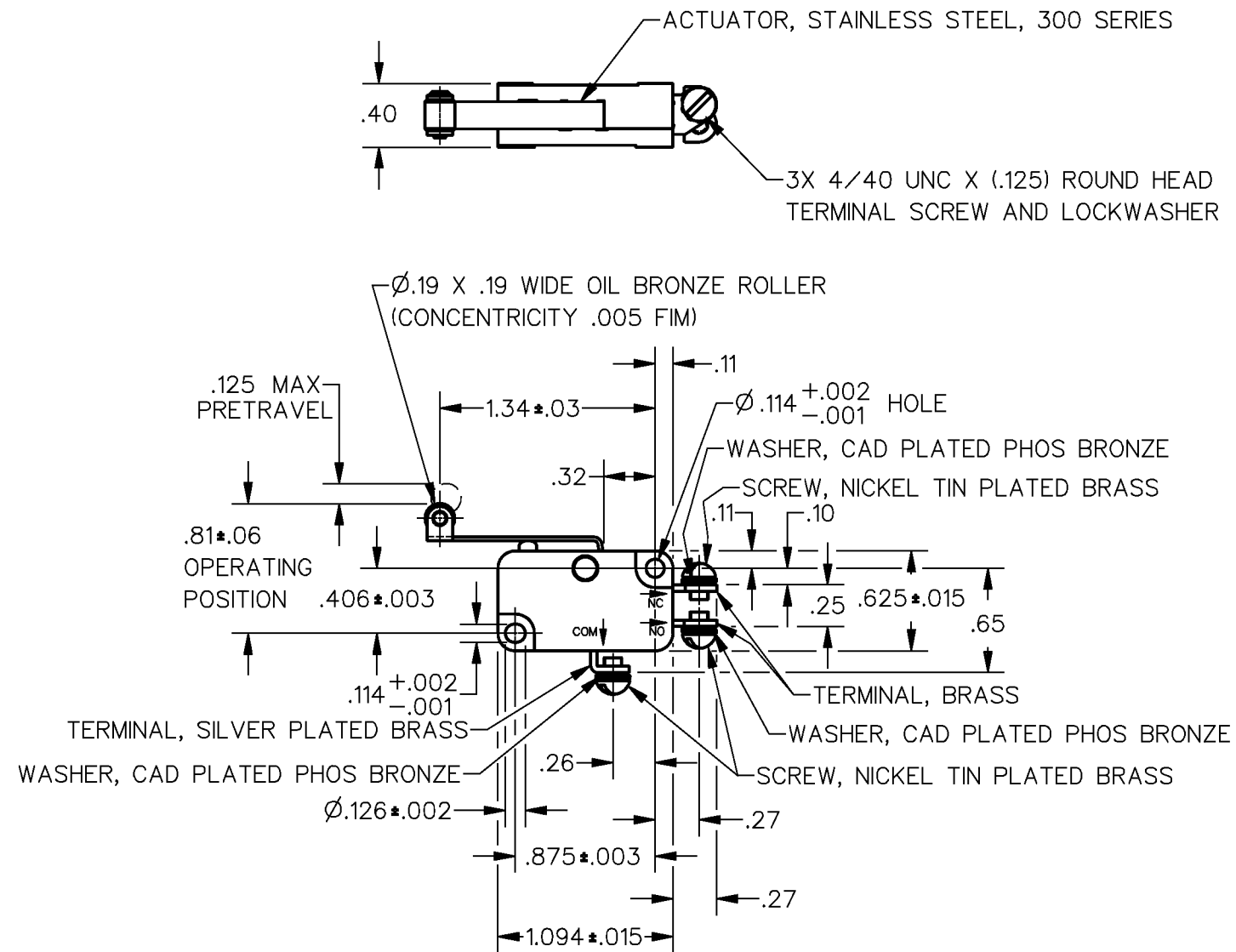
SWITCH – BASIC

CATALOG LISTING



V3L-3004

CQ-X1401

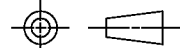
FAA-PMA



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CHARACTERISTICS	ELECTRICAL DATA
OPERATING FORCE — — — 86 GRAMS MAX	CONTACT ARRANGEMENT
RELEASE FORCE — — — 9 GRAMS MIN	S P D T
DIFFERENTIAL TRAVEL — — — .030 MAX	
OVERTRAVEL — — — — — .065 MIN	L83 15.1A 1/2HP 125, <u>250</u> VAC
RELEASE TRAVEL — — — — — .016 MIN	1/2A 125 VDC, 1/4A 250 VDC
	5A 125 VAC "L"
	 

THIRD ANGLE PROJECTION



SCALE	FULL
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

DO NOT SCALE PRINT

**UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE**

ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±

WEIGHT

SPECIFICATION DETAILS:

STANDARD:	CONFORMS TO (MIL-S-8805/C90), EXCEPT AS NOTED 		
CONSTRUCTION:			
ENCLOSURE DESIGN	UNSEALED		
CONTACT MATERIAL & CONFIGURATION	SMOOTH FINE SILVER		
CIRCUIT CONFIGURATION	S P D T		
TERMINATION	SCREW TERMINALS		
WEIGHT	0.3 OZ MAX		
ELECTRICAL CHARACTERISTICS:			
ELECTRICAL RATINGS	MAXIMUM <u>VOLTAGE</u>	LOAD <u>RESISTIVE</u>	LOAD <u>INDUCTIVE</u>
—SEA LEVEL	28VDC	10A	10A
—50,000 FEET	28VDC	10A	6A
DIELECTRIC STRENGTH & INSULATION RES	<u>DIELECTRIC STRENGTH</u> (≈60 Hz FOR 5 SEC)		<u>INSULATION RESISTANCE</u> (500 VDC ± 10%)
—BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000V Rms, 0.1mA (MAX LKG)		1000 MEGOHM MIN
—BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000V Rms, 0.1mA (MAX LKG)		1000 MEGOHM MIN
—BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000V Rms, 0.1mA (MAX LKG)		1000 MEGOHM MIN
MECHANICAL CHARACTERISTICS:			
CHARACTERISTICS:			
OPERATING FORCE	86 GRAMS MAX		
RELEASE FORCE	9 GRAMS MIN		
PRETRAVEL	.125 MAX		
DIFFERENTIAL TRAVEL	.030 MAX		
OVERTRAVEL	.065 MIN		
MOUNTING STRENGTH	5 INCH LBS MAX		
LIFE:			
MECHANICAL LIFE	25,000 MIN 		
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN 		
ENVIRONMENTAL:			
TEMPERATURE RANGE	-55°C TO +85°C		
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET		
SHOCK	MIL-STD-202 METHOD 213, TYPE M CONDITION A		
VIBRATION	MIL-STD-202 METHOD 204, GRADE I		

NOTES

- ① SPECIFICATION DETAILS APPLY TO THE BASIC SWITCH ONLY, WITHOUT ROLLER/LEVER ACTUATOR
- ② LIFE RATINGS ARE PER MIL-S-8805C REQUIREMENTS, ACTUAL LIFE EXCEEDS RATED LIFE.
- CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- 3 - CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL INFO ON LOW ENERGY LOADS
- 4 - MICRO SWITCH, CIRCUIT DIAGRAM, CAT LISTING AND DATE CODE ARE IDENTIFIED ON SWITCH
- 5 - SWITCH MARKING SHALL INCLUDE "FAA-PMA"

ANSI Y14.5M-1982 APPLIES

Mouser Electronics

Authorized Distributor

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[V3L-3004](#)