

LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
			A4	REVISED PER ECO-11-016911	18NOV11	KH MW

SPECIFICATIONS:

MATERIALS:
CASE, PPS, UL94 V-0, BROWN
ACTUATOR, NYLON, UL94V-0, SEE P/N TABLE FOR FINISH
COVER, STEEL, TIN FINISH
TERMINAL/FIXED CONTACT, COPPER ALLOY-SILVER FINISH
MOVING CONTACT, STAINLESS STEEL-SILVER FINISH

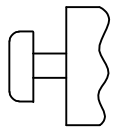
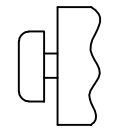
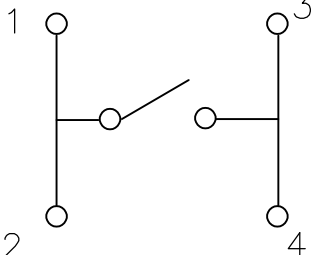
ELECTRICAL:
MAX CONTACT RATING, 50MILLIAMP@24V DC
MIN CONTACT RATING, 1MICROAMP@1V DC
CONTACT RESISTANCE, 100 MILLIOHMS MAX
INSULATION RESISTANCE, 100 MEGOHM MIN.
DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE
LIFE EXPECTANCY, 1,000,000 CYCLES

MECHANICAL:
ACTUATION FORCE, SEE P/N TABLE
ACTUATION TRAVEL, 0.25 +0.20/-0.10
LIFE EXPECTANCY, 1,000,000,
(2 CYCLES PER SECOND AND 150% ACTUATION FORCE)

ENVIRONMENTAL:
OPERATING TEMPERATURE, -40 TO +105° C
STORAGE TEMPERATURE, -40 TO +105° C
SOLDERABILITY, EIA-RS-186-9E, OR MIL-STD-202F
RESISTANCE TO SOLDER HEAT, 260° C FOR 10SEC-PER 109-201, COND B
1. NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

NOTES:

- 1 TAPE AND REEL PACKAGING PER EIA 481.
- 2 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

()-INDICATES MOMENTARY POSITION		
CIRCUIT CHARACTERISTICS		
CONTACT POSITION	CIRCUIT DIAGRAM	
		
OFF	(ON) 1 - 3 2 - 4	

FSM2JSMA AS SHOWN

TERMINAL NUMBERS

DIM B (7.01[.276]) AND LONGER MODELS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 07NOV2007		 TE Connectivity		
		CHK M.SARVER 07NOV07				
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
	0 PLC ± -		APVD M.SARVER 07NOV07		MICRO MINIATURE PUSHBUTTON SWITCH FSM JSM	
	1 PLC ± -		PRODUCT SPEC			
	2 PLC ± 0.30[.012]		—			
	3 PLC ± -		APPLICATION SPEC		SIZE A2	
	4 PLC ± -		—			CAGE CODE 00779
	ANGLES ± 1°		—			
MATERIAL —	FINISH —		WEIGHT —		RESTRICTED TO —	
		CUSTOMER DRAWING		SCALE 8:1		
						SHEET 1 of 2
					REV A4	

4		3		2		1											
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											-	SEE SHEET 1		-	-	-	