

LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
		U2		REVISED PER ECO-11-019009	19SEP11	KH MW

SPECIFICATIONS:

MATERIALS:
CASE: GLASS FILLED PPS, UL94V-0 BROWN
COVER: STEEL, TIN OVER NICKEL PLATE
ACTUATOR BUTTON: SEE TABLE - UL94V-0
MOVING CONTACT: COPPER ALLOY, SILVER CLAD
MOVING CONTACT: (1571563-1,-2,-7&-8), STAINLESS STEEL,
AG CLAD OVER NICKEL
FIXED CONTACT/TERMINAL, COPPER ALLOY-SILVER OVER NICKEL PLATE

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS AT 100 VDC MIN.
DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE.
LIFE EXPECTANCY: (SEE TABLE)

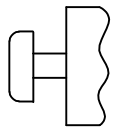
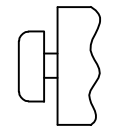
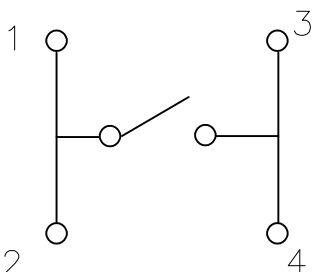
MECHANICAL:
ACTUATION FORCE: (SEE TABLE)
ACTUATION TRAVEL: 0.25 +0.20/-0.10 [.010 +.008/-0.004]

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDER HEAT RESISTANCE PER 109-201, CONDITION B

SOLDERABILITY:
SPECIFICATION EIA-364-52, CLASS 1, CATEGORY 2

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	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D.SARKISIAN 04MAY04		 TE Connectivity		
		CHK D.SARKISIAN 22APR94				
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME MICRO MINIATURE PUSHBUTTON SWITCH FSM JSM		
	APVD D.SARKISIAN 22APR94		NAME			
	PRODUCT SPEC —					
	APPLICATION SPEC —					
	MATERIAL —		FINISH —		RESTRICTED TO —	
		WEIGHT —		SIZE A2		
				CAGE CODE 00779		
				DRAWING NO C-2-1437565-7		
				SCALE 8:1		
				SHEET 1 of 2		
				REV U2		

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	OWN	APVD
			-	SEE SHEET 1	-	-	-

	100,000	WHITE	NYLON	260G±50G	12MM	24MM	13.00±0.10 [.512±.010]	9.40±0.10 [.370±.004]	FSM14JSMAATR	1571563-6
	100,000	WHITE	NYLON	260G±50G	—	—	13.00±0.10 [.512±.010]	9.40±0.10 [.370±.004]	FSM14JSMAA	1571563-5
OBSOLETE	100,000	BROWN	NYLON	100G±50G	—	—	13.00±0.10 [.512±.010]	9.40±0.10 [.370±.004]	FSM14JSML	1-1571563-0
	100,000	WHITE	NYLON	260G±50G	12MM	24MM	9.50±0.10 [.374±.004]	5.89±0.10 [.232±.004]	FSM8JSMAATR	1-1571563-4
OBSOLETE	100,000	WHITE	NYLON	260G±50G			9.50±0.10 [.374±.004]	5.89±0.10 [.232±.004]	FSM8JSMAA	1-1571563-3
	100,000	BLACK	PPS	160G±50G	12MM	24MM	9.50±0.10 [.374±.004]	5.89±0.10 [.232±.004]	FSM8JSMATR	1571563-9
	100,000	BLACK	PPS	160G±50G	—	—	9.50±0.10 [.374±.004]	5.89±0.10 [.232±.004]	FSM8JSMA	3-1437566-8
OBSOLETE	100,000	WHITE	NYLON	260G±50G	12MM	24MM	7.01±0.10 [.276±.004]	3.40±0.10 [.134±.004]	FSM6JSMAATR	1-1571563-2
OBSOLETE	100,000	WHITE	NYLON	260G±50G	—	—	7.01±0.10 [.276±.004]	3.40±0.10 [.134±.004]	FSM6JSMAA	1-1571563-1
	100,000	BLACK	PPS	160G±50G	12MM	24MM	7.01±0.10 [.276±.004]	3.40±0.10 [.134±.004]	FSM6JSMATR	5-1437565-0
	100,000	BLACK	PPS	160G±50G	—	—	7.01±0.10 [.276±.004]	3.40±0.10 [.134±.004]	FSM6JSMA	4-1437565-9
	1,000,000	VIOLET	NYLON	70G±30G	12MM	16MM	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMXLTR	1571563-2
	1,000,000	VIOLET	NYLON	70G±30G	—	—	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMXL	1571563-1
	100,000	WHITE	NYLON	260G±50G	12MM	16MM	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMAATR	1571563-4
OBSOLETE	100,000	WHITE	NYLON	260G±50G	—	—	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMAA	1571563-3
	100,000	BLACK	PPS	160G±50G	12MM	16MM	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMATR	4-1437565-2
	100,000	BLACK	PPS	160G±50G	—	—	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMA	4-1437565-1
	1,000,000	BLUE	NYLON	100G±30G	12MM	16MM	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMLSTR	1571563-8
	1,000,000	BLUE	NYLON	100G±30G	—	—	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMLS	1571563-7
	100,000	WHITE	NYLON	260G±50G	12MM	16MM	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSMAATR	2-1437565-9
	100,000	WHITE	NYLON	260G±50G	—	—	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSMAA	2-1437565-8
	100,000	GRAY	PPS	160G±50G	12MM	16MM	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSMATR	3-1437565-0
	100,000	GRAY	PPS	160G±50G	—	—	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSMA	2-1437565-7
	200,000	BROWN	PPS	100±50G	12MM	16MM	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSMLTR	1571527-2
	200,000	BROWN	PPS	100±50G	—	—	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSML	1571527-1
	LIFE CYCLE	ACTUATOR COLOR	ACTUATOR MATERIAL	ACTUATION FORCE	PITCH	TAPE WIDTH	DIM 'B'	DIM 'A'	T&B PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D.SARKISIAN 04MAY04		 TE Connectivity						
		CHK D.SARKISIAN 22APR94								
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME MICRO MINIATURE PUSHBUTTON SWITCH FSM JSM						
		APVD D.SARKISIAN 22APR94								
		PRODUCT SPEC —								
		APPLICATION SPEC —								
		MATERIAL —		FINISH —		SIZE A2	CAGE CODE 00779	DRAWING NO C-2-1437565-7	RESTRICTED TO —	
				CUSTOMER DRAWING				SCALE —	SHEET 2 of 2	REV U2