

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	OWN	APVD
AD	00		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:

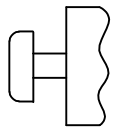
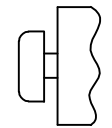
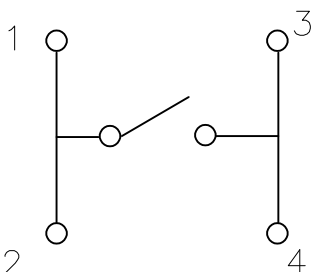
OPERATING TEMPERATURE: -35°C TO +85°C  
STORAGE TEMPERATURE: -35°C TO +85°C  
SOLDER HEAT RESISTANCE PER 109-201, CONDITION B


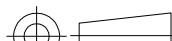
SOLDERABILITY:

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

NOTES:

- TAPE AND REEL PACKAGING PER EIA 481.
- 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			
	0 PLC ± -		APVD D.SARKISIAN 22APR94				
	1 PLC ± -		PRODUCT SPEC				
	2 PLC ± 0.30[.012]		—				
	3 PLC ± -		APPLICATION SPEC				
4 PLC ± -		—		SIZE A2			
ANGLES ± 1°		—					
MATERIAL —		FINISH —		CAGE CODE 00779		DRAWING NO C=2-1437565-7	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 8:1		SHEET 1 of 2	REV U2

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	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			
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± 1°		SIZE A2	
MATERIAL		FINISH		CAGE CODE 00779	
				DRAWING NO C-2-1437565-7	
		WEIGHT -		RESTRICTED TO	
				-	
CUSTOMER DRAWING				SCALE -	
				SHEET 2 of 2	
				REV U2	