

LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
			S	REVISED PER ECO-08-002134	1/24/08	SS MS

SPECIFICATIONS:

MATERIALS:

CASE: GLASS FILLED PPS, UL94V-O BROWN
COVER: STEEL, TIN OVER NICKEL PLATE
ACTUATOR BUTTON: SEE TABLE - UL94V-O
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/-.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		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608								
DIMENSIONS: mm [INCHES]		CHK D.SARKISIAN 22APR94										
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.SARKISIAN 22APR94		NAME MICRO MINIATURE PUSHBUTTON SWITCH FSM JSM —							
	0 PLC ± —		PRODUCT SPEC —									
	1 PLC ± —		APPLICATION SPEC —									
	2 PLC ± 0.30[.012]		—									
MATERIAL —	3 PLC ± —		—		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
	4 PLC ± —		—		A2		00779		C=2-1437565-7		—	
	ANGLES ± 1°		WEIGHT —									
	FINISH —		CUSTOMER DRAWING		SCALE 8:1		SHEET 1 OF 2		REV S			

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RELEASED FOR PUBLICATION

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LOC

DIST

AD

00

P

LTR

DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

—

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OBSOLETE

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		
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		
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		
100,000	WHITE	NYLON	260G±50G	12MM	24MM	7.01±0.10 [.276±.004]	3.40±0.10 [.134±.004]	FSM6JSMAATR	1-1571563-2		
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		
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	PPS	100G±30G	12MM	16MM	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSMLTR	1571563-8		
1,000,000	BLUE	PPS	100G±30G	—	—	4.98±0.25 [.196±.010]	1.40±0.10 [.055±.004]	FSM4JSML	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	BLACK	PPS	160G±50G	12MM	16MM	4.29±0.15 [.169±.006]	0.71±0.10 [.028±.004]	FSM2JSMATR	3-1437565-0		
100,000	BLACK	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.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.30[.012]
3 PLC ± -
4 PLC ± -
ANGLES ± 1°
FINISH -

MATERIAL

-

DWN
D.SARKISIAN
04MAY04

CHK
D.SARKISIAN
22APR94

APVD
D.SARKISIAN
22APR94

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
MICRO MINIATURE PUSHBUTTON
SWITCH FSM JSM
—

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2-1437565-7

RESTRICTED TO
—

SCALE
—

SHEET
2 OF 2

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AMP 1471-9 REV 31MAR2000