

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AD	00	U		REVISED PER ECO-10-023516	19NOV10	HMR	NE

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/-.004]

ENVIRONMENTAL:

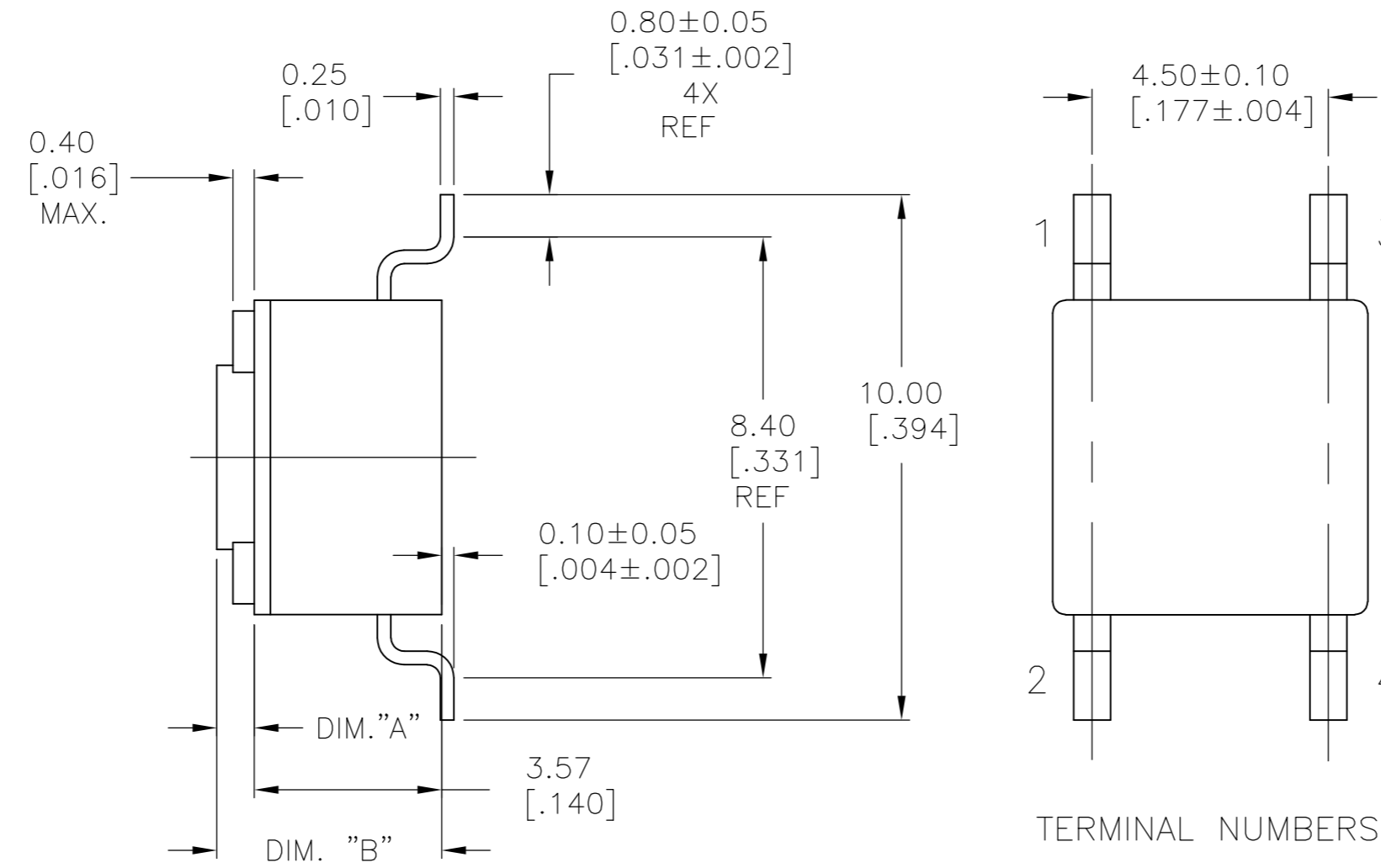
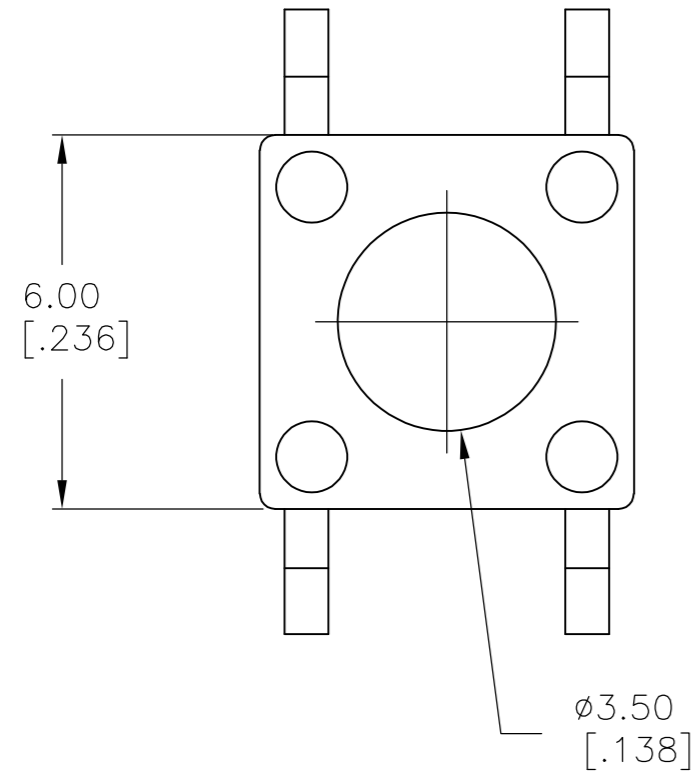
OPERATING TEMPERATURE: -35°C TO +85°C
 STORAGE TEMPERATURE: -35°C TO +85°C
 SOLDER HEAT RESISTANCE PER 109-201, CONDITION B

SOLDERABILITY:

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

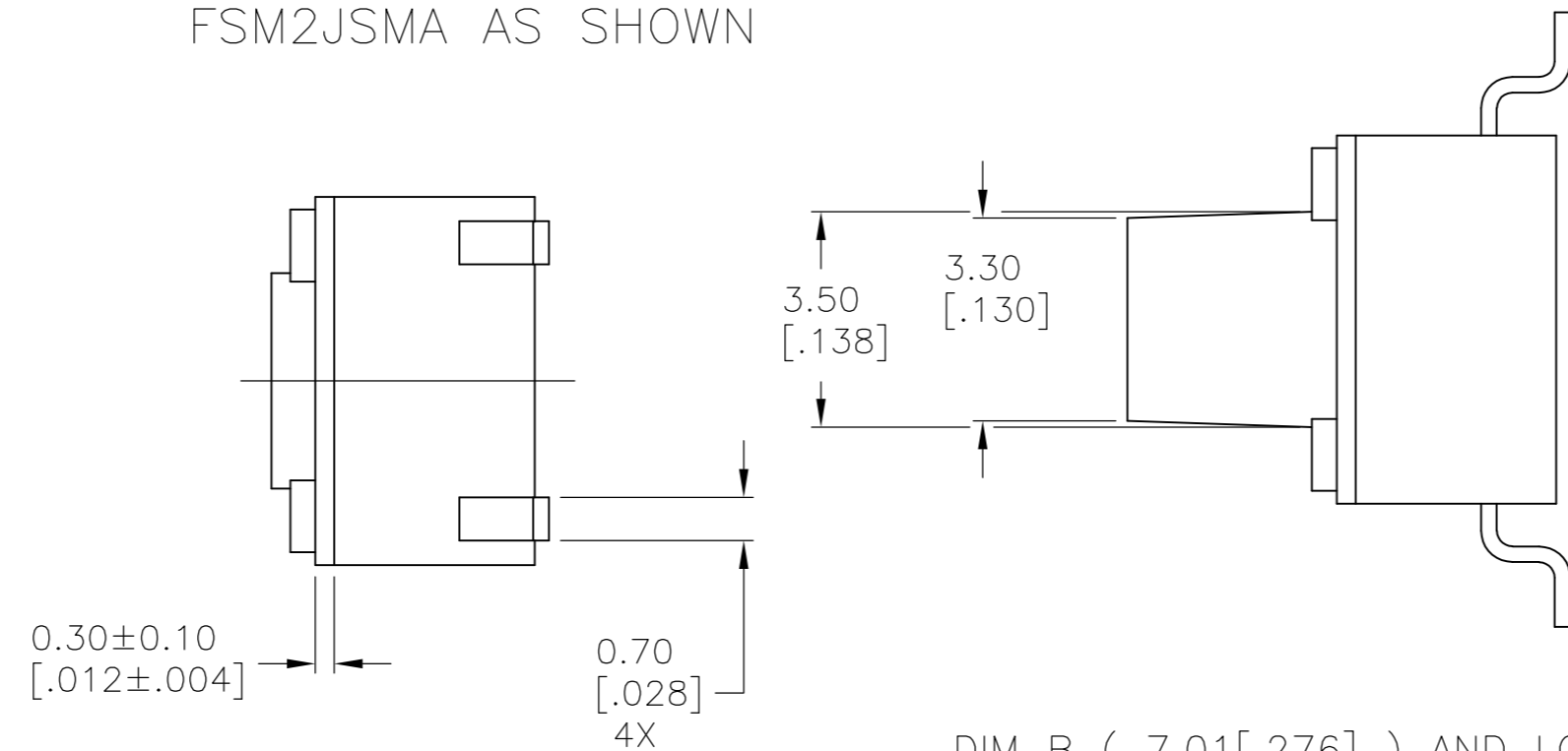
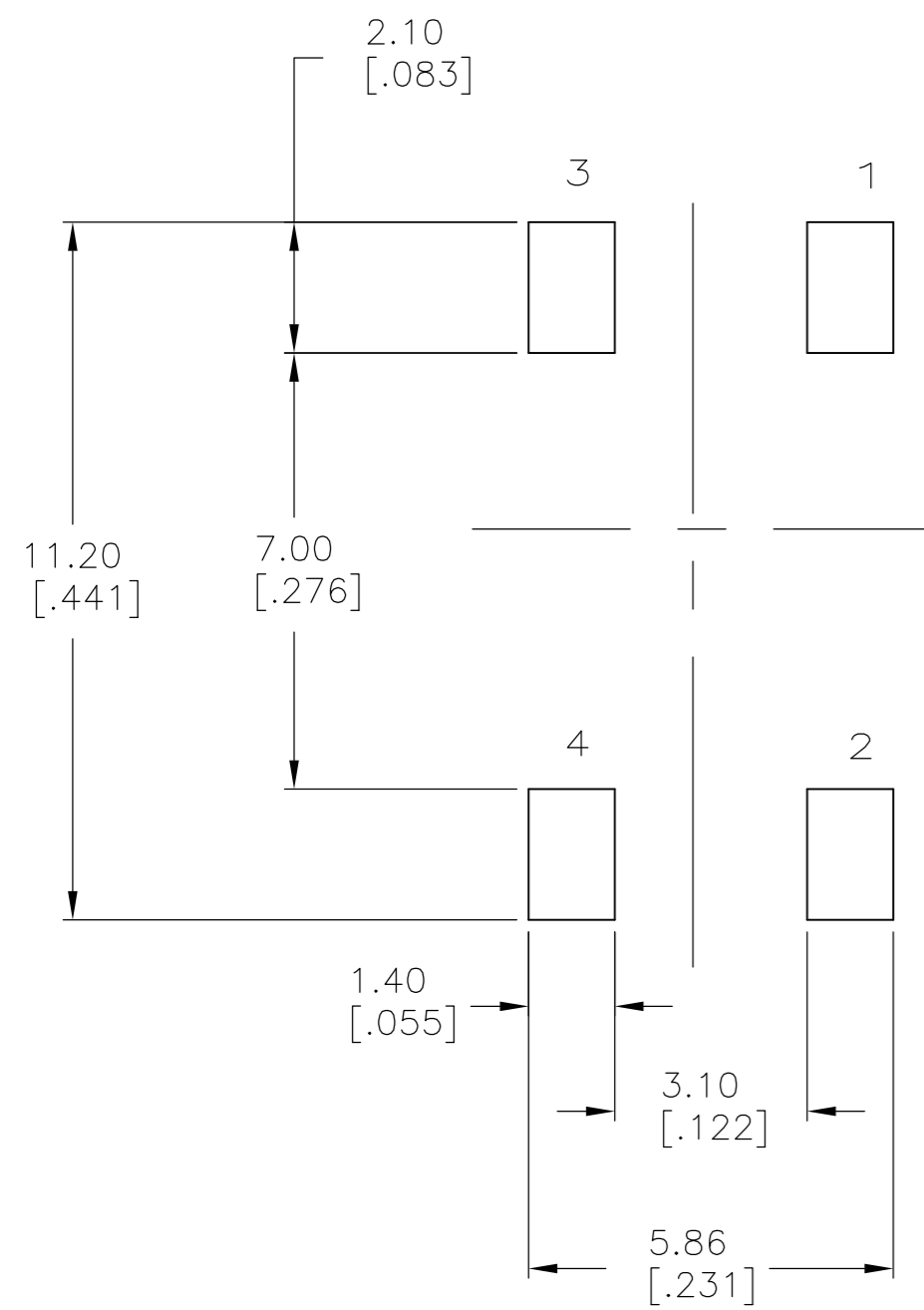
NOTES:

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



TERMINAL NUMBERS

FSM2JSMA AS SHOWN



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

()-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	NAME MICRO MINIATURE PUSHBUTTON SWITCH FSM JSM	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.SARKISIAN 22APR94	SIZE A2	CAGE CODE 00779
0 PLC ± -		PRODUCT SPEC	DRAWING NO C=2-1437565-7	RESTRICTED TO -
1 PLC ± -		APPLICATION SPEC	SCALE 8:1	SHEET 1 OF 2
2 PLC ± 0.30 [.012]		WEIGHT -	REV U	
3 PLC ± -		CUSTOMER DRAWING		
4 PLC ± -				
ANGLES ± 1°				
FINISH				

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	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	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	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

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DIMENSIONS: mm [INCHES]		CHK D.SARKISIAN 22APR94	NAME MICRO MINIATURE PUSHBUTTON SWITCH FSM JSM	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± 1'		APVD D.SARKISIAN 22APR94	RESTRICTED TO	
MATERIAL		PRODUCT SPEC	SIZE A2	CAGE CODE 00779
FINISH		APPLICATION SPEC	DRAWING NO C=2-1437565-7	
		WEIGHT	SCALE	
		CUSTOMER DRAWING	SHEET 2 OF 2	
			REV U	