



SOLDER PAD RECOMMENDED CUT-OUT FOOTPRINT

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. SUBCONTRACTOR TO NOTE PART NUMBER, MANUFACTURING LOT NUMBER, AND QUANTITY ON EACH PACKAGE.
3. PARTS TO BE COMMERCIALY FREE OF BURRS (MAX OF 5% OF MATERIAL THICKNESS). NO LOOSE BURRS PERMITTED.
4. PARTS TO BE PACKAGED WITH BAGS WITH 2000 SWITCHES PER BAG.
5. PART NUMBER FSMJMYR IS PACKAGED IN TAPE AND REEL PER AID SHEET DRAWING 81002-01.
6. REEL AND CARRIER TAPE DWG. 11746.
7. COVER SEAL TAPE PART NUMBER 11747.
8. TAPE AND REEL PACKAGING MUST CONFORM TO AUGAT SPEC 255.1

SPECIFICATIONS:

MATERIALS:
CASE: NYLON, COLOR: NATURAL.
COVER: STAINLESS STEEL.
ACTUATOR BUTTON: NYLON, BLACK.
MOVING CONTACT: STAINLESS STEEL.
FIXED CONTACT/TERMINAL: COPPER ALLOY

ELECTRICAL:
CONTACT RATING: 50 MILLIAMPS @ 12 VDC.
CONTACT RESISTANCE: 500 MILLIOHMS MAX.
INSULATION RESISTANCE: 500 MEGOHMS MIN. @ 500 VDC.
DIELECTRIC STRENGTH: 250 VAC.
LIFE EXPECTANCY: 20,000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE: 100 60/40 GRAMS
ACTUATION TRAVEL: .010 IN (0.25 MM)

ENVIRONMENTAL:
OPERATING TEMPERATURE: -40°F TO 176°F (-40°C TO 80°C)
STORAGE TEMPERATURE: -40°F TO 176°F (-40°C TO 80°C)
SOLDER HEAT RESISTANCE THROUGH 500°F PER MIL-STD-202, METHOD 210.

MASTER DOCUMENT IF IN RED

OUTLINE DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

REV.	DESCRIPTION
0	INITIAL RELEASE ESRB A5167 SER 4-14-95 APPD: J. SILVIA-12-95
0	INITIAL RELEASE ESRB A7800 SER 8-13-96 APPD: ST. MONTAGUES-12
1	REVISED EC # 151-96 SER 12-12-96 APPD: W.H. 12-10-96
2	REVISED DCOH108474 CPS 8/12/98 APPD: W.H.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	DRAWN BY: C. SELLE	DATE: 7/21/98	MATERIAL: SEE SPECIFICATIONS
.XX ±	ENGINEER: C. SELLE	DATE: 7/21/98	FINISH: SEE SPECIFICATIONS
.XXX ±	FILENAME	PROJECT	SYSTEM
ANGLES	FSM	PRO/E	

Thomas & Betts ELECTRONICS DIVISION Attleboro Falls, Massachusetts 02763			
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DIMENSIONS ARE IN: INCHES		SCALE: 5:1	FACH NO. 15912
THIRD ANGLE PROJECTION		SIZE	DWG. NO.: 81081
			PROJ. NO. SHEET 1 of 1
			REV. 2

TITLE: FSMJM** PUSHBUTTON SWITCH			
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