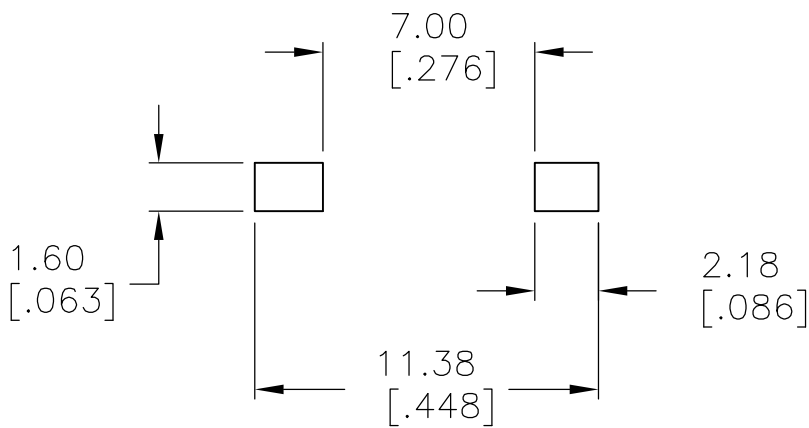
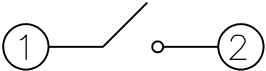


CIRCUIT DIAGRAM

NOTE: TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.



RECOMMENDED FOOTPRINT

SPECIFICATIONS:

MATERIALS:
CASE: NYLON 46, G30, BROWN
COVER: STAINLESS STEEL
ACTUATOR BUTTON: PPS, BLACK.
MOVING CONTACT: 301 STAINLESS STEEL, 20μ” Ag CLAD.
FIXED CONTACT/TERMINALS: BRASS, 40μ”, Ag PLATE.

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 500 MEGOHMS MIN @ 500 VDC.
DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE
LIFE EXPECTANCY: 20,000 CYCLES MIN.


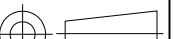
MECHANICAL:
ACTUATION FORCE: SEE TABLE
ACTUATION TRAVEL: 0.25mm [.010”] APPROX.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDER HEAT RESISTANCE PER 109-201, COND B
SOLDERABILITY SPEC EIA-364-52, CLASS 1, CATEGORY 2

NOTES:

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- SUBCONTRACTOR TO NOTE PART NUMBER MANUFACTURING LOT NUMBER AND QUANTITY ON EACH PACKAGE.
- PARTS ARE TO BE COMMERCIALY FREE OF ALL BURRS (MAX. OF 5% OF MATERIAL THICKNESS). NO LOOSE BURRS PERMITTED.
- TERMINAL TO BE FLUSH TO THE CASE BOTTOM, SEE DETAIL A.

180 ±50 gm.	FSMSMTR	1437566-4
180 ±50 gm.	FSMSM	1437566-3
ACTUATION FORCE	OLD T&B PART NUMBER	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.KIRCORIAN		12FEB96		 TE Connectivity			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK —		NAME FSMSM PUSHBUTTON SWITCH			
		APVD W.MONTAGUE		23FEB96					
		PRODUCT SPEC —							
		APPLICATION SPEC —							
MATERIAL SEE SPECIFICATIONS		FINISH SEE SPECIFICATIONS		WEIGHT —		SIZE A2	CAGE CODE 00779	DRAWING NO C=1437566-3	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 4:1		SHEET 1 of 1		REV C2	

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