

4

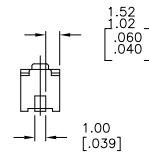
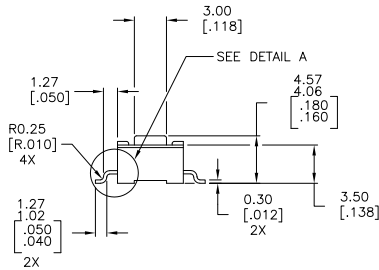
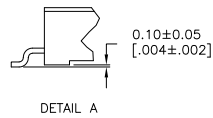
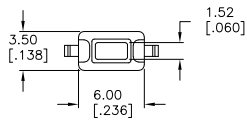
3

2

1

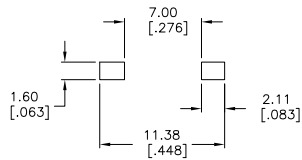
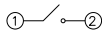
THIS DRAWING IS UNPUBLISHED.
 RELEASED FOR PUBLICATION
 ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APPD
AD	00				
	C1	REVISED PER ECO-11-004917	11MAR11	RK	HMR



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 [0.010"] 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.		DRW	12FEB98	TE Connectivity	
DIMENSIONS: mm [INCHES]		S. KIRCORIAN	OK	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		23FEB98	NAME	FSMSM PUSHBUTTON SWITCH	
0 PLD	± .005	W. MONTAGUE	PRODUCT SPEC	RESTRICTED TO	
1 PLD	± .005	APPLICATION SPEC	SIZE	CASE CODE	DRAWING NO
2 PLD	± .005	WEIGHT	A2	00779	C=1437566-3
3 PLD	± .005	CUSTOMER DRAWING	SCALE	4:1	SHEET 1 of 1
4 PLD	± .005				REV C1
ANGLES	± 1°				
MATERIAL	SEE SPECIFICATIONS				
FINISH	SEE SPECIFICATIONS				