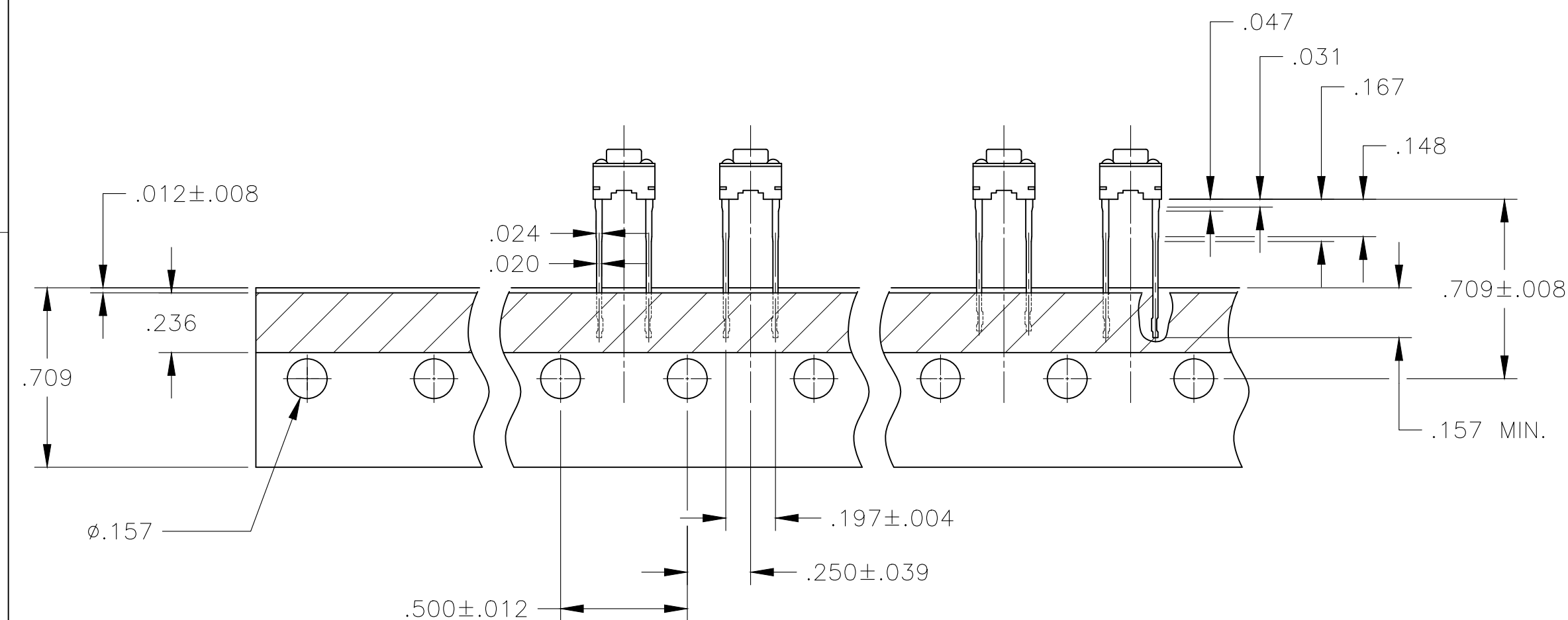


CIRCUIT DIAGRAM



SPECIFICATIONS:

MATERIALS:
CASE: PBT UL94HB, BLACK.
COVER: STEEL ,TIN PLATE.
ACTUATOR BUTTON: SEE P/N TABLE.
MOVING CONTACT: PHOS BRONZE, SILVER.
FIXED CONTACT/TERMINAL: BRASS, SILVER OVER NICKEL.

ELECTRICAL:

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

MECHANICAL:

ACTUATION FORCE: SEE P/N TABLE.
ACTUATION TRAVEL: .010 IN, (0.25 mm) APPROX.

ENVIRONMENTAL:



OPERATING TEMPERATURE: -35°C TO +105°C
STORAGE TEMPERATURE: -35°C TO +85°C

SOLDERABILITY:

SOLDERABILITY EIA-364-52, CLASS 1, CATEGORY 2
SOLDER HEAT RESISTANCE PER 109-202 CONDITION B

- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH
EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 2 RADIAL TAPE PACKAGING PER AUGAT SPEC.#295.
- 3 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION.

OBSOLETE	100 +/−50 grams	Nylon 66	BROWN	.197 (5.0)	FSM4JBRT	1571010−2
	160 +/−50 grams	Nylon 66	BLACK	.512 (13.0)	FSM14JRT	1571010−1
	260 +/−50 grams	PBT	RED	.374 (9.5)	FSM8JART	147871−1
	160 +/−50 grams	PBT	BLACK	.374 (9.5)	FSM8JRT	147694−1
OBSOLETE	260 +/−50 grams	Nylon 66	RED	.276 (7.0)	FSM6JART	1571402−1
OBSOLETE	160 +/−50 grams	Nylon 66	BLUE	.276 (7.0)	FSM6JRT	4−1437565−8
	260 +/−50 grams	PBT	RED	.197 (5.0)	FSM4JART	147997−1
	160 +/−50 grams	Nylon 66	BLACK	.197 (5.0)	FSM4JRT	4−1437565−0
	160 +/−50 grams	PBT	NATURAL	0.169 (4.3)	FSM2JRT	2−1437565−6
	260 +/−50 grams	PBT	RED	0.169 (4.3)	FSM2JART	2−1437565−2
	ACTUATION FORCE	ACTUATOR MATERIAL	ACTUATOR COLOR	DIM H	T&B P/N	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 29SEP05		 TE Connectivity	
		CHK M.SARVER 29SEP05			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± -.012 3 PLC ± - 4 PLC ± - ± .1"		NAME	
		APVD M.SARVER 29SEP05		SWITCH, PUSHBUTTON	
		PRODUCT SPEC —			
		APPLICATION SPEC —		SIZE	CAGE CODE
MATERIAL SEE SPECIFICATIONS		FINISH SEE SPECIFICATIONS		DRAWING NO A2 00779 C-2-1437565-2	
		WEIGHT		RESTRICTED TO —	
CUSTOMER DRAWING				SCALE	SHEET
				4:1	1 OF 1
				REV	P6

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