

CIRCUIT DIAGRAM

SPECIFICATIONS:

MATERIALS:

CASE: PPS, BROWN.
 COVER: STEEL, TIN PLATE.
 ACTUATOR BUTTON: PPS, COLOR: SEE TABLE.
 MOVING CONTACT: COPPER ALLOY, SILVER CLAD.
 FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER PLATE.

ELECTRICAL:

CONTACT RATING: 50 MILLIAMPS @ 12 VDC.
 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 TABLE
 ACTUATION TRAVEL: .010 in. (0,25 mm) APPROX.

ENVIRONMENTAL:

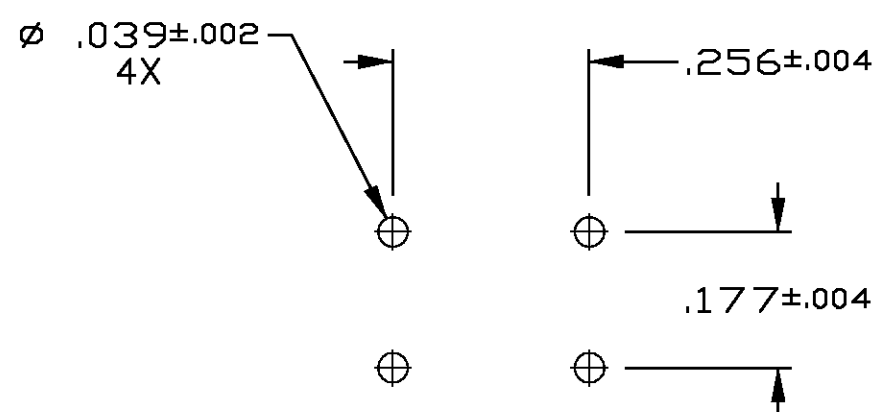
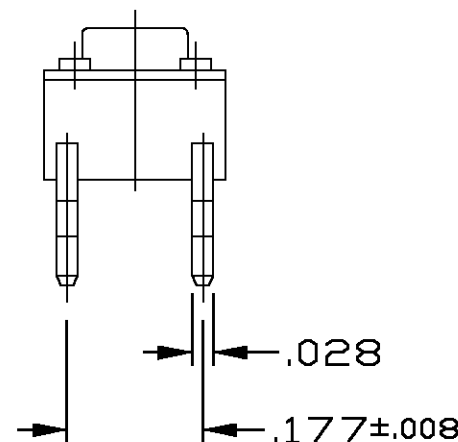
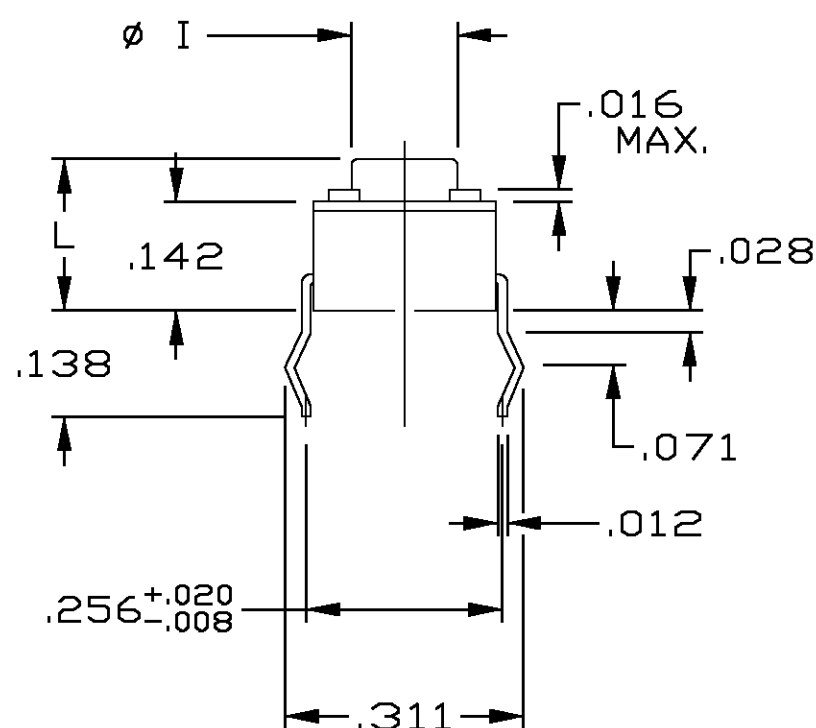
OPERATING TEMPERATURE: -35°C TO +85°C
 STORAGE TEMPERATURE: -30°C TO +80°C

SOLDERABILITY:

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

NOTES:

1. INTERPRET DRAWING PER ANSI Y14.5M-1982.



RECOMMENDED HOLE LAYOUT

TYCO PT. NO.	T&B PART NUMBER	I	L	ACTUATION FORCE	ACTUATOR BUTTON COLOR
2-1437565-3	FSM2JH	.138	.169±.004	160±50 GRAMS	BLACK
3-1437565-5	FSM4JH	.113	.512±.004	160±50 GRAMS	BLACK
3-1437565-9	FSM4JH	.138	.197±.004	160±50 GRAMS	BLACK
4-1437565-7	FSM6JH	.130	.276±.004	160±50 GRAMS	BLACK
5-1437565-5	FSM8JH	.122	.374±.004	160±50 GRAMS	BLACK

WAS AUGAT P/N 81108

REV D	REVISIONS REVISED PER 053C-0411-04 APP'D: MS DATE: 16NOV04	THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT		ORIGINAL DATE OF DRAWING: 8-13-96		TYCO ELECTRONICS		
		TOLERANCES (EXCEPT AS NOTED) ANGULAR = ±1° DECIMAL .XX = ±.012 DECIMAL .XXX = ±.012 DECIMAL .XXXX = ±.012		FILE NAME: 81108OUT	DIRECTORY: PSHSWTCH	DRAWN: S.KIRCORIAN	DATE: 8-13-96	TITLE: FSM2JH - FSM8JH		
		SEE SPECIFICATIONS		MATERIAL: SEE SPECIFICATIONS		CHECKED:	DATE:	DWG. NO. 2-1437565-3		REV. D
		FINISH: SEE SPECIFICATIONS		CODE IDENT. NO. 91506		APPROVED:	DATE:	DWG. SIZE C		PRODUCT CODE: B18
CAD080992C		NEXT ASSY:		SCALE:		SHEET 1 OF 1		CUSTOMER DRAWING		