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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	NEW DRAWING	07MAR2018	GCM	AS

2331386-1
AS SHOWN

TOTAL TRAVEL POSITION

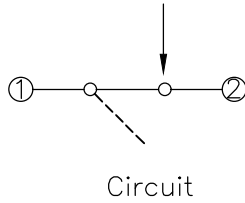
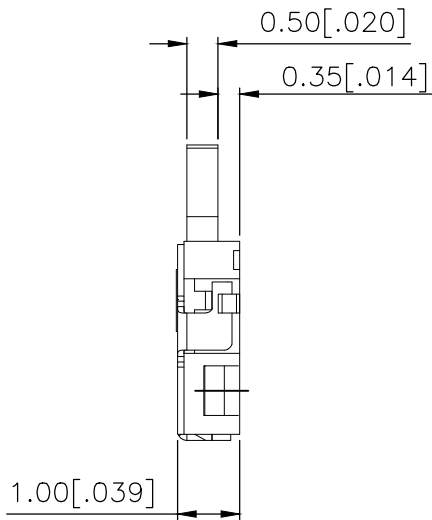
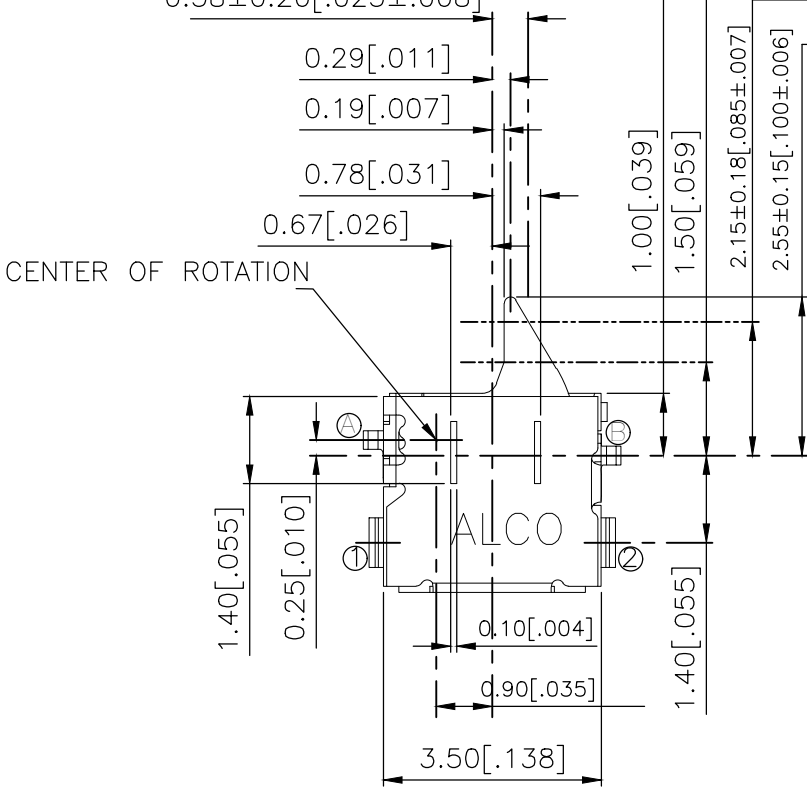
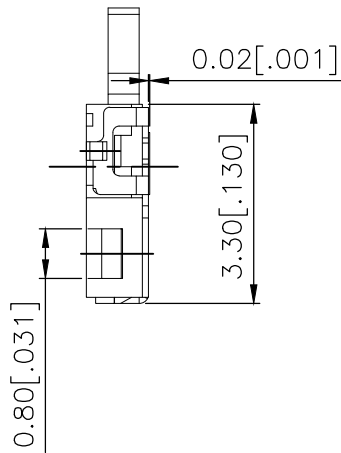
OPERATING FORCE MEASURE POSITION

"OFF" STARTING POSITION(VERTICAL DIRECTION)

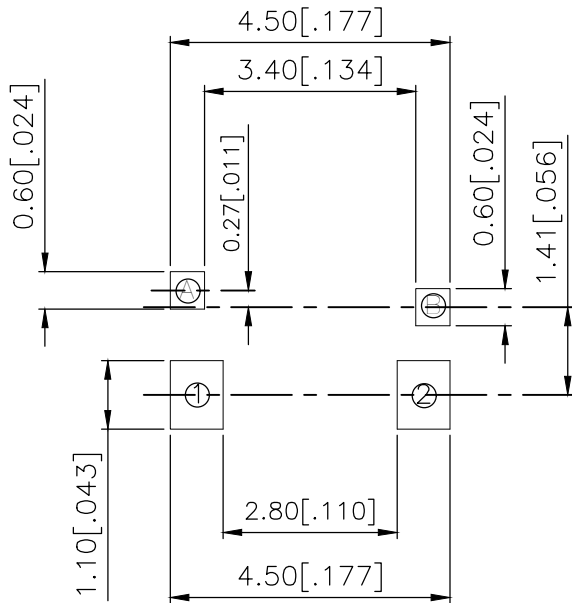
CONTACT RESISTANCE POSITION

"OFF" STARTING POSITION(HORIZONTAL DIRECTION)
0.58±0.20[.023±.008]

CENTER OF ROTATION

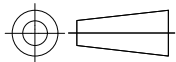


Circuit



Mounting Hole Layout

PRELIMINARY

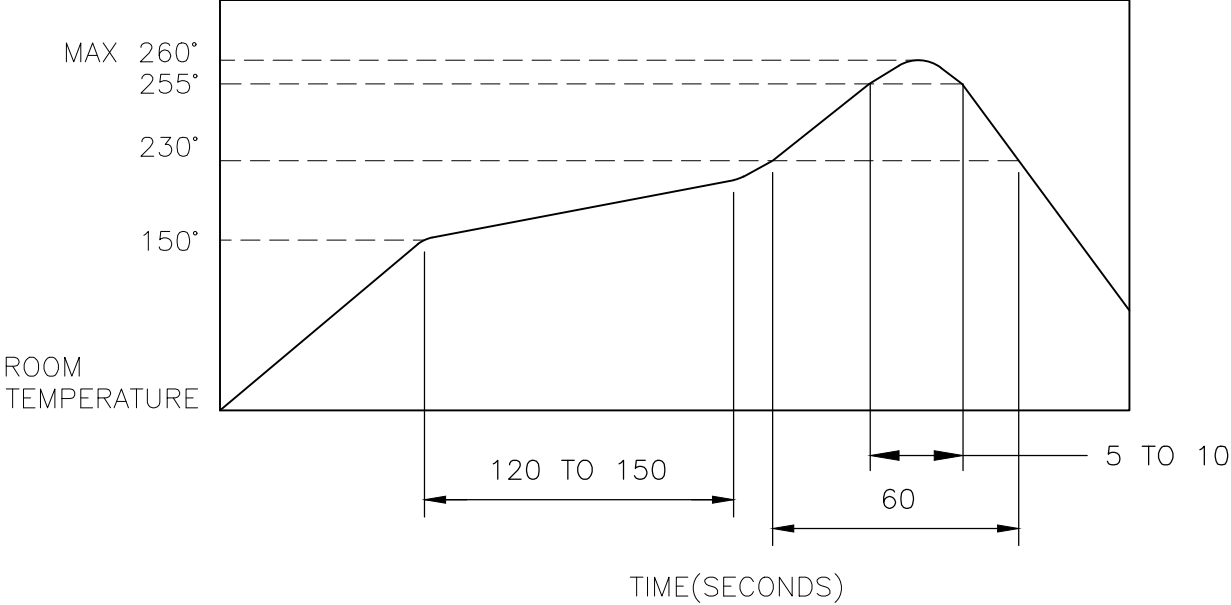
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GANESH C M 07MAR2018		PRELIMINARY TE Connectivity Ltd.				
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK ALEXANDER SHARPE 07MAR2018						
		APVD ALEXANDER SHARPE 07MAR2018						
		PRODUCT SPEC						
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± -	—		NAME SWITCH, DETECTOR, JJC SERIES, 3.5X3.3mm, HORIZONTAL, SMT, CLOSE —				
		APPLICATION SPEC						
		—						
MATERIAL —	FINISH —	WEIGHT		SIZE A3	CAGE CODE 00779	DRAWING NO C-2331386	RESTRICTED TO —	
		CUSTOMER DRAWING				SCALE NTS	SHEET 1 OF 3	REV 1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

NOTES:

1. MATERIALS:
ACTUATOR: THERMOPLASTIC, UL 94V-0, BLACK
BODY: THERMOPLASTIC, UL 94V-0, BLACK
COVER: NICKEL SILVER
TERMINAL: COPPER ALLOY, SILVER PLATE
SPRING: STAINLESS STEEL
2. COMPLIANCE:
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU
DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)
3. SPECIFICATIONS:
RATING: 1mA, 5V DC TO 50µA, 3V DC
CONTACT RESISTANCE: 2Ω MAXIMUM(INITIAL)
INSULATION RESISTANCE: 100MΩ MINIMUM AT 100 V DC
DIELECTRIC STRENGTH: 100 V AC, 1 MINUTE
OPERATING LIFE: 50,000 CYCLES WITH LOAD
TOTAL TRAVEL: 1.55 [.061]
ACTUATION FORCE: 35gf MAXIMUM
OPERATING TEMPERATURE: -10°C TO 60° C
STORAGE TEMPERATURE: -40°C TO 85° C

4. SOLDER CONDITIONS:
SMT



THE CONDITION MENTIONED ABOVE IS THE TEMPERATURE ON THE CU FOIL OF THE PCB SURFACE. THERE ARE CASES WHERE THE BOARD’S TEMPERATURE GREATLY DIFFERS FROM THE SWITCH’S SURFACE. DO NOT ALLOW SWITCH’S SURFACE TEMPERATURE TO EXCEED 260°C

MANUAL SOLDERING

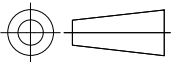
SOLDERING TEMPERATURE	350°C±5°C.
CONTINUOUS SOLDERING TIME	5 SECONDS MAX.

PRECAUTIONS IN HANDLING

1. CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE UPPER PART OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.

JJCHLUJ100NCNMRTR	2331386-1
SMART PART NUMBER	PART NUMBER

PRELIMINARY

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		APPLICATION SPEC —				
MATERIAL —	FINISH —	WEIGHT	CAGE CODE 00779		DRAWING NO C-2331386	RESTRICTED TO —
CUSTOMER DRAWING			SCALE NTS	SHEET 2 of 3	REV 1	

1470-19 (1/15)