

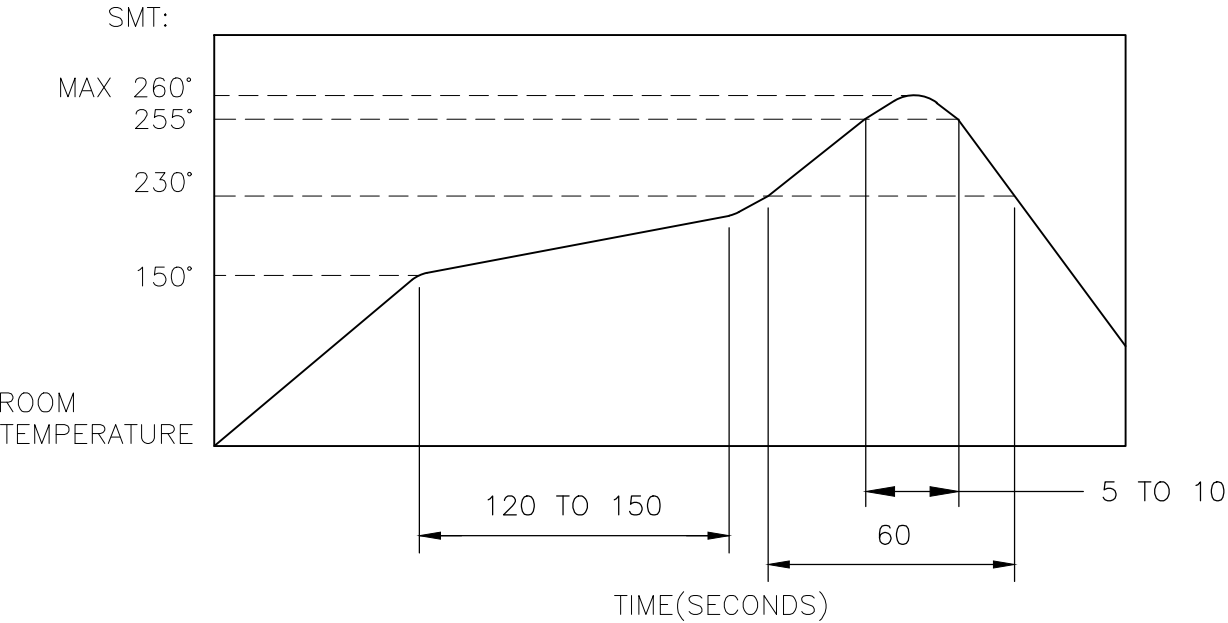
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- NOTES:
1. MATERIALS:
TERMINAL: COPPER ALLOY, SILVER OVER NICKEL FINISH
BASE: THERMOPLASTIC, BLACK
ACTUATOR: THERMOPLASTIC, SEE TABLE, SHEET 1 OF 3, FOR COLOR
TAPE: POLYTERAFLUOROETHYLENE
CONTACT: STAINLESS STEEL, SILVER OVER NICKEL FINISH
COVER: NICKEL SILVER
2. COMPLIANCE:
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU
DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)
3. SPECIFICATIONS:
RATING: 50 mA, 12V DC
CONTACT RESISTANCE: 100mΩ MAXIMUM (INITIAL)
INSULATION RESISTANCE: 100MΩ MINIMUM (INITIAL)
DIELECTRIC STRENGTH: 250V AC, 1 MINUTE
OPERATING LIFE: 2337245-1 (70 gf) = 1,000,000 CYCLES WITH LOAD
2337245-2 (100 gf) = 1,000,000 CYCLES WITH LOAD
2337245-3 (160 gf) = 1,000,000 CYCLES WITH LOAD
2337245-4 (260 gf) = 200,000 CYCLES WITH LOAD

TRAVEL: 0.25±0.1 [0.010±.004]
ACTUATION FORCE: 2337245-1 = 70±50gf
2337245-2 = 100±50gf
2337245-3 = 160±50gf
2337245-4 = 260±50gf

OPERATING TEMPERATURE: -25° TO 70°C
STORAGE TEMPERATURE: -30° TO 80°C

4. SOLDER CONDITIONS :



THE CONDITON NOTED ABOVE IS THE TEMPERATURE OF THE COPPER FOIL ON THE SURFACE OF THE PCB. THERE ARE CASES WHERE THE TEMPERATURE OF THE BOARD GREATLY DIFFERS FROM THE SURFACE OF THE SWITCH. DO NOT ALLOW THE SURFACE TEMPERATURE OF THE SWITCH TO EXCEED 260°C.

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

MANUAL SOLDERING:

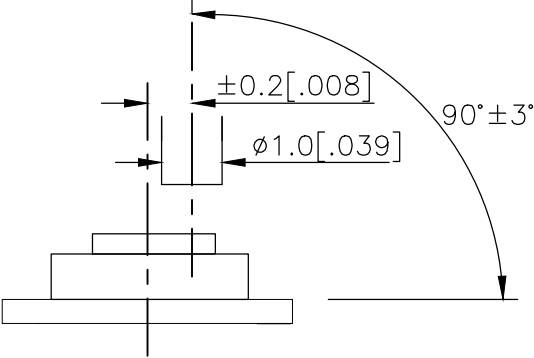
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

HANDLING PRECAUTIONS:

1. CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE TOP SURFACE OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.
2. DO NOT WASH THE SWITCH

5. OPERATING PRECAUTIONS:

1. DO NOT ACTUATE THE SWITCH WITH EXCESSIVE FORCE
2. DISCONTINUE FORCE AFTER THE SWITCH HAS BEEN ACTUATED SO AS TO AVOID DEFORMATION OF THE COMPONENTS OF THE SWITCH. DEFORMATION OF THE COMPONENTS MAY CAUSE THE SWITCH TO MALFUNCTION.
3. ALIGN THE PLUNGER WITH THE SWITCH TO INSURE PROPER OPERATION



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 04JUL2018 GANESH C M	TE Connectivity Ltd.		
		CHK 04JUL2018 ALEXANDER SHARPE			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 04JUL2018 ALEXANDER SHARPE	NAME		
		PRODUCT SPEC	SWITCH, TACTILE, LOW-PROFILE, MINI, 5.2 x 5.2 x 2.0, J BEND		
	0 PLC ± — 1 PLC ± — 2 PLC ± 0.2 [0.008] 3 PLC ± — 4 PLC ± — ANGLES ± —	APPLICATION SPEC	SIZE		CAGE CODE
		—	A3		00779
MATERIAL	FINISH	WEIGHT	DRAWING NO		RESTRICTED TO
—	—	—	C-2337245		—
CUSTOMER DRAWING			SCALE	SHEET	REV
			NTS	2 OF 3	B

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