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

NOTES:

1. MATERIALS:

TERMINAL: COPPER ALLOY, SILVER OVER NICKEL FINISH

BASE: THERMOPLASTIC, BLACK

ACTUATOR: POLYTETRAFLUOROETHYLENE

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: 2337242-1 (100gf) = 1,000,000 CYCLES WITH LOAD

2337242-2 (160gf) = 1,000,000 CYCLES WITH LOAD

2337242-3 (260gf) = 200,000 CYCLES WITH LOAD

TRAVEL: 0.25±0.1 [0.10±.004]

ACTUATION FORCE: 2337242-1 = 100±50gf

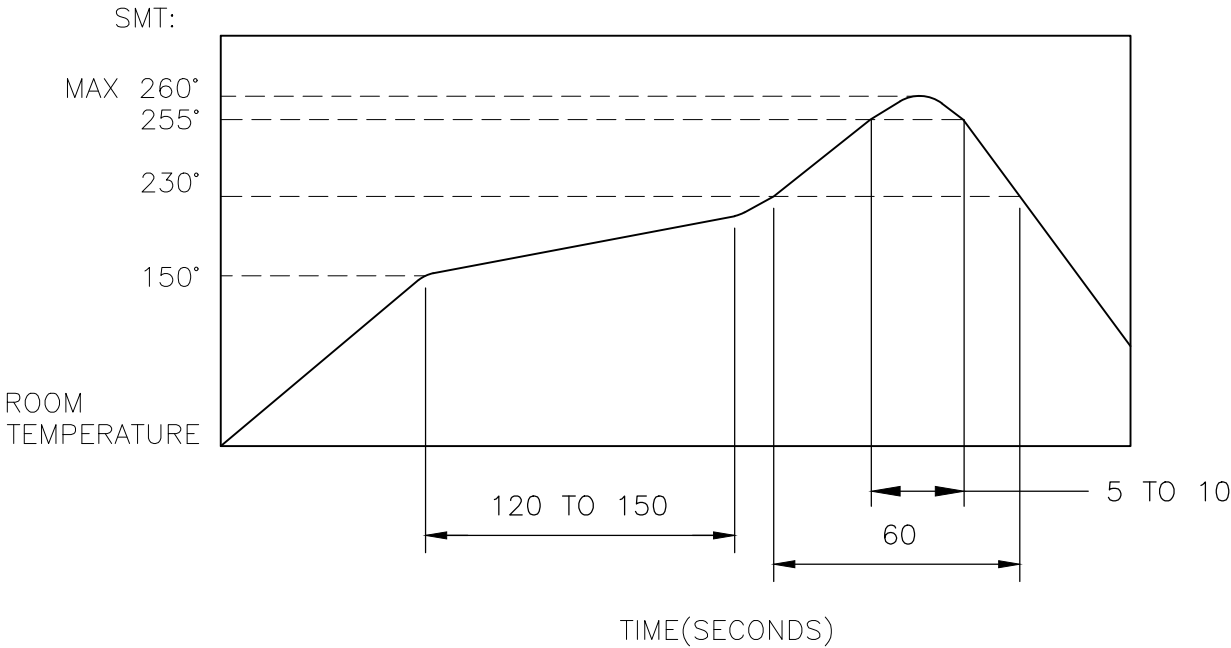
2337242-2 = 160±50gf

2337242-3 = 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.

MANUAL SOLDERING:

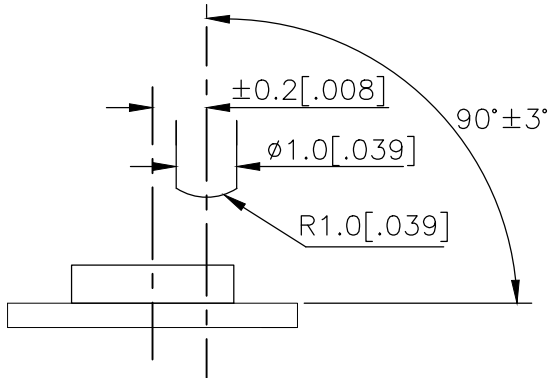
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

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



6. STORAGE CONDITIONS:

AVOID THE FOLLOWING AS EXPOSURE MAY AFFECT THE PERFORMANCE AND/OR THE SOLDERABILITY OF THE SWITCH:

1. TEMPERATURE OF -10° TO 40°C AND 85% HUMIDITY
2. EXPOSURE TO CORROSIVE GAS
3. STORAGE OVER 6 MONTHS
4. EXPOSURE TO DIRECT SUNLIGHT

STORAGE CONDITIONS SHOULD PREVENT HEAVY IMPACT OR LOADING

AFTER OPENING THE PACKAGE, UNUSED SWITCHES MUST BE REPACKAGED IN A MOISTURE-PROOF AND AIRTIGHT ENVIRONMENT.

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 SWITCH, TACTILE, LOW-PROFILE, MINI, 5.2 x 5.2 x 0.8, J BEND		
		PRODUCT SPEC			
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± -	APPLICATION SPEC	SIZE A300779		
		FINISH			
MATERIAL		WEIGHT	DRAWING NO C-2337242		
		CUSTOMER DRAWING	SCALE NTS	SHEET 2 of 3	REV 2

PRELIMINARY

