

NOTES:

1. MATERIALS:

TERMINAL: COPPER ALLOY, SILVER FINISH

BASE: THERMOPLASTIC, BLACK

TAPE: POLYIMIDE ACTUATOR: POLYIMIDE

CONTACT: STAINLESS STEEL, SILVER FINISH

2. COMPLIANCE:

ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

3. SPECIFICATIONS:

RATING: 10 µA, 1V DC MINIMUM TO 50 mA, 12V DC MAXIMUM

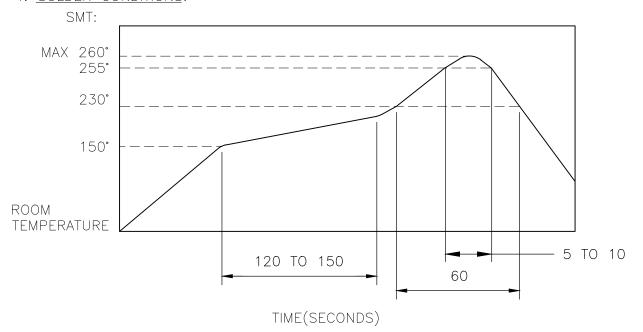
CONTACT RESISTANCE: $500m\Omega$ MAXIMUM (INITIAL) INSULATION RESISTANCE: $100m\Omega$ MINIMUM (INITIAL) DIELECTRIC STRENGTH: 100V AC, 1 MINUTE OPERATING LIFE: 300,000 CYCLES WITH LOAD TRAVEL: 0.13 ± 0.05 [.005 \pm .002]

TEMPERATURE OF THE SWITCH TO EXCEED 260°C.

ACTUATION FORCE: $2337230-1 = 160\pm50$ gf $2337230-2 = 180\pm50$ gf $2337230-3 = 240\pm50$ gf

OPERATING TEMPERATURE: -40° TO 85°C STORAGE TEMPERATURE: -40° TO 85°C

4. SOLDER CONDITIONS:



THE CONDITION 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

 REVISIONS

 P
 LTR
 DESCRIPTION
 DATE
 DWN
 APVD

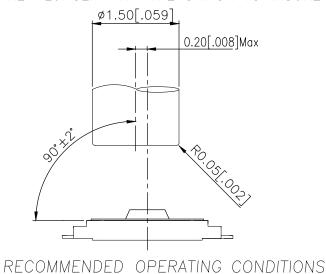
 SEE SHEET 1

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



04JUL2018 THIS DRAWING IS A CONTROLLED DOCUMENT. GANESH C M TE Connectivity Ltd. 04JUL2018 ALEXANDER SHARPE TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS: APVD 04JUL2018 NAME ALEXANDER SHARPE mm [INCHES] SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, $3.0 \times 2.0 \times 0.6$, TAB ± 0.1 [.004] APPLICATION SPEC SIZE CAGE CODE DRAWING NO RESTRICTED TO ANGLES MATERIAL FINISH WEIGHT A 3 00779 **C**-2337230 SHEET CUSTOMER DRAWING NTS 2 of 3

