

2 THIS DRAWING IS UNPUBLISHED RELEASED FOR PUBLICATION - , -REVISIONS ALL RIGHTS RESERVED (C) COPYRIGHT -TE Connectivity Ltd. DESCRIPTION DWN SEE SHEET 1 NOTES: 4. SOLDER CONDITIONS: 1. MATERIALS: SMT ACTUATOR: THERMOPLASTIC, UL 94V-0, BLACK BODY: THERMOPLASTIC, UL 94V-0, BLACK MAX 260° COVER: NICKEL SILVER 255 TERMINAL: COPPER ALLOY, SILVER PLATE CONTACT: COPPER ALLOY, SILVER PLATE 230° SILICONE: SILICONE. BLACK STEM: THERMOPLASTIC, BLACK 150° 2. COMPLIANCE: ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS) ROOM TEMPERATURE - 5 TO 10 3. SPECIFICATIONS: 120 TO 150 RATING: DC 3V, 50 mA TO DC 5V, 10mA 60 CONTACT RESISTANCE: 500mΩ MAXIMUM(INITIAL) INSULATION RESISTANCE: $100M\Omega$ MINIMUM AT 100V DC TIME(SECONDS) DIELECTRIC STRENGTH: 100V AC, 1 MINUTE OPERATING LIFE: 50,000 CYCLES WITH LOAD THE CONDITION MENTIONED ABOVE IS THE TEMPERATURE ON THE CU FOIL OF THE TOTAL TRAVEL: 60° ACTUATION FORCE: 40qf MAXIMUM PCB SURFACE. THERE ARE CASES WHERE THE BOARD'S TEMPERATURE GREATLY DIFFERS OPERATING TEMPERATURE: -10°C TO 60° C STORAGE TEMPERATURE: -20°C TO 70° C FROM THE SWITCH'S SURFACE BE USED NOT TO ALLOW SWITCH'S SURFACE TEMPERATURE TO EXCEED 260°C MANUAL SOLDERING SOLDERING TEMPERATURE MAX.350°C. CONTINUOUS SOLDERING TIME MAX. 5 SECONDS. 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. JJDVUUG305NOPMRTR 2331408-1 SMART PART NUMBER PART NUMBER 07MAR2018 THIS DRAWING IS A CONTROLLED DOCUMENT. <u>GANESH</u> C M TE Connectivity Ltd. CHK 07MAR2018
ALEXANDER SHARPE DIMENSIONS: TOLERANCES UNLESS 07MAR2018 NAME OTHERWISE SPECIFIED: ALEXANDER SHARPE mm [INCHES] SWITCH, DETECTOR, JJD SERIES, 4.2X3.6mm PRODUCT SPEC PLC VER ACTUATION, UPLIFT, SMT, POSTS, FLAT TERM PLC ± 0.20 [.008] APPLICATION SPEC PLC SIZE CAGE CODE DRAWING NO RESTRICTED TO FPLC ANGLES ± -MATERIAL FINISH WEIGHT A 3 00779 **C-**2331408 SHEET SCALE REV CUSTOMER DRAWING NTS 2 OF 3 1470-19 (1/15)

