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NOTES:

1. MATERIALS:

TERMINAL: COPPER ALLOY, SILVER OVER NICKEL FINISH
BASE: THERMOPLASTIC, BLACK
ACTUATOR: STEEL, NICKEL FINISH
TAPE: 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: 250 V AC, 1 MINUTE
OPERATING LIFE: 2337243-1 (70gf) = 1,000,000 CYCLES WITH LOAD
2337243-2 (100gf) = 1,000,000 CYCLES WITH LOAD
2337243-3 (160gf) = 1,000,000 CYCLES WITH LOAD
2337243-4 (260gf) = 200,000 CYCLES WITH LOAD

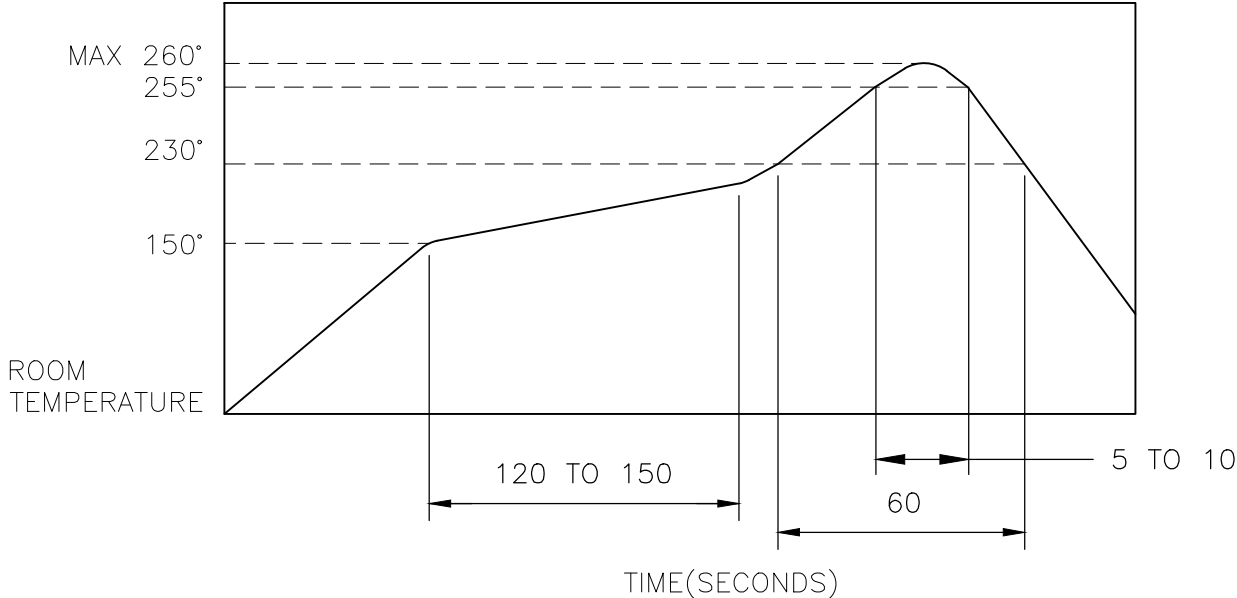
TRAVEL: 0.25^{+0.1}_{-0.2} [.010^{+0.004}_{-0.008}]

ACTUATION FORCE: 2337243-1 = 70±50 gf
2337243-2 = 100±50 gf
2337243-3 = 160±50 gf
2337243-4 = 260±50 gf

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

4. SOLDER CONDITIONS:

SMT:



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

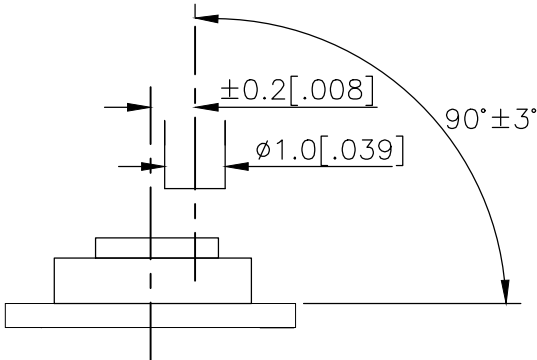
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

PRECAUTIONS IN HANDLING

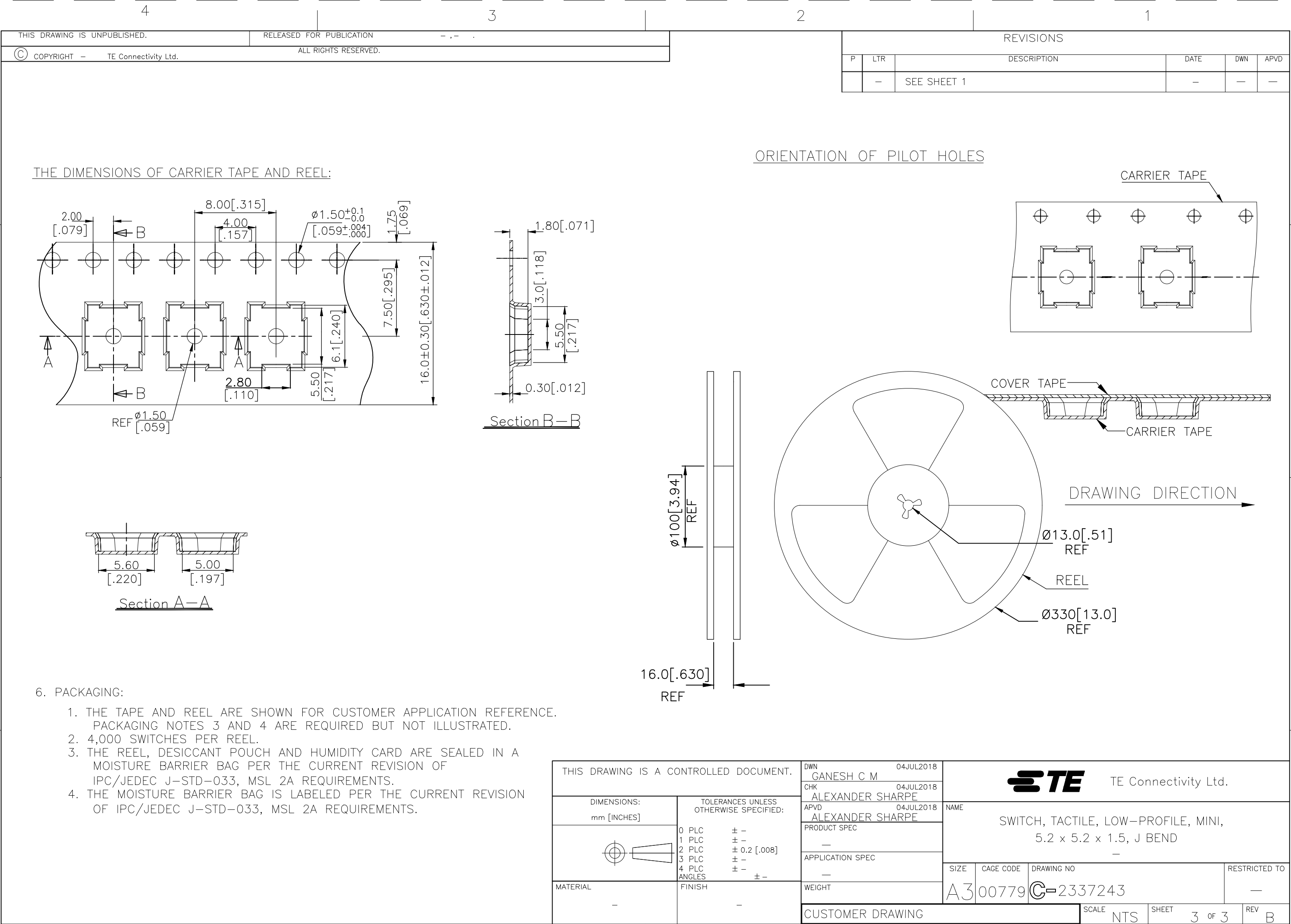
1. CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE TOP SURFACE OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.
2. DO NOT WASH THE SWITCH

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 GANESH C M 04JUL2018	TE Connectivity Ltd.			
		CHK ALEXANDER SHARPE 04JUL2018				
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, MINI, 5.2 x 5.2 x 1.5, J BEND			
		PRODUCT SPEC	—			
	0 PLC ± — 1 PLC ± — 2 PLC ± 0.2 [.008] 3 PLC ± — 4 PLC ± — ANGLES ± —	APPLICATION SPEC	—			
		—	SIZE A3	CAGE CODE 00779	DRAWING NO C-2337243	RESTRICTED TO —
MATERIAL —	FINISH —	WEIGHT	CUSTOMER DRAWING			
			SCALE NTS	SHEET 2 OF 3	REV B	



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