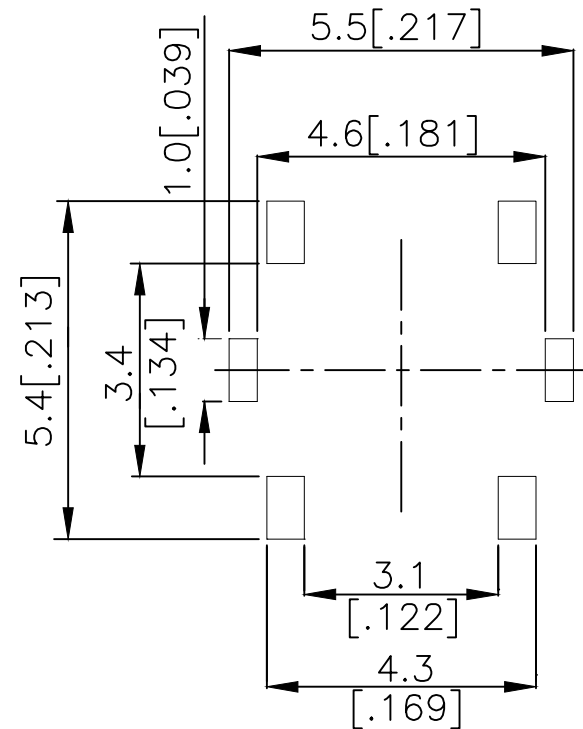
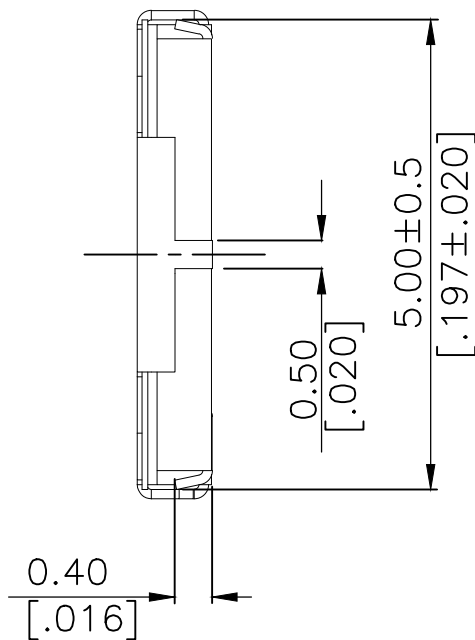
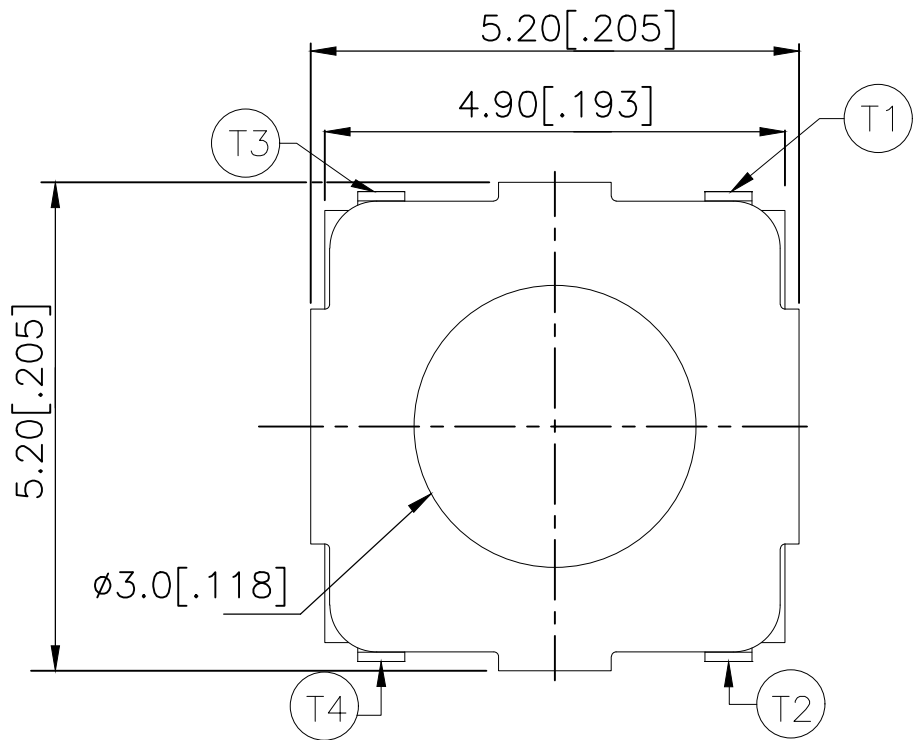
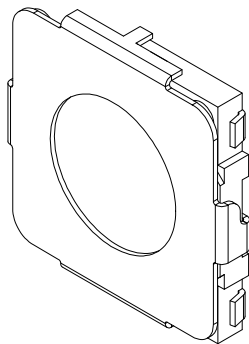
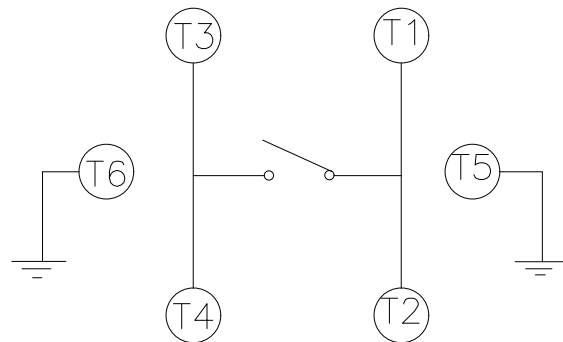
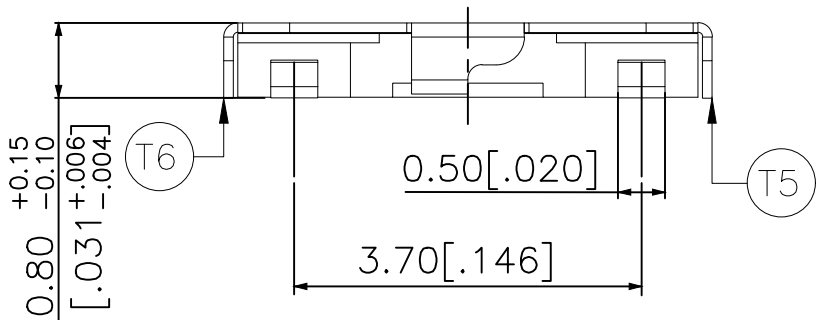


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECR-19-004770	10APR2019	SR	DD

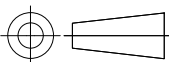


P.C.B. LAYOUT



CIRCUIT DIAGRAM

260±50	MSLPT5252AL4TR	2337242-3
160±50	MSLPT5252AL3TR	2337242-2
100±50	MSLPT5252AL2TR	2337242-1
ACTUATION FORCE (gf)	SMART PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GANESH C M 04JUL2018	 TE Connectivity Ltd.									
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, MINI, 5.2 x 5.2 x 0.8, J BEND —									
		APVD ALEXANDER SHARPE 04JUL2018										
	0 PLC ± —	PRODUCT SPEC					SIZE A3			CAGE CODE 00779	DRAWING NO C-2337242	RESTRICTED TO —
	1 PLC ± —	—										
	2 PLC ± 0.20 [.008]	APPLICATION SPEC										
MATERIAL —	FINISH —	3 PLC ± —	CUSTOMER DRAWING									
		4 PLC ± —							—			
		ANGLES ± —							WEIGHT			
			SCALE NTS		SHEET 1 of 3		REV B					

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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:

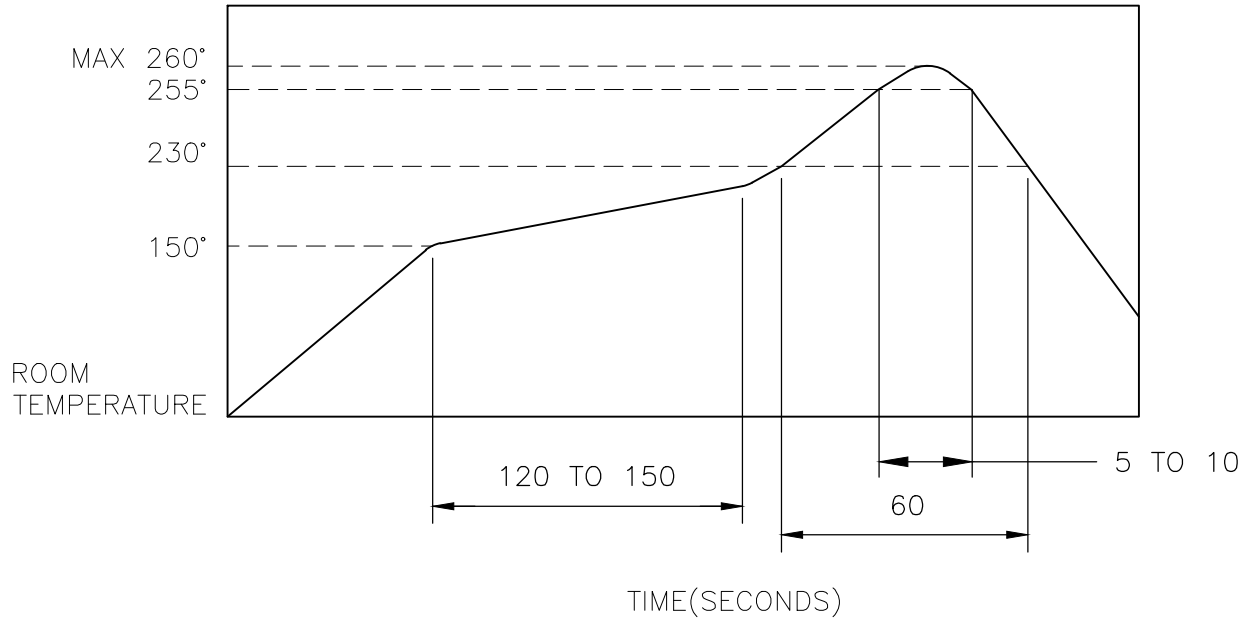
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU
DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

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: $0.25^{+0.1}_{-0.2}$ [$0.10^{+0.004}_{-0.008}$]
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 :

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:

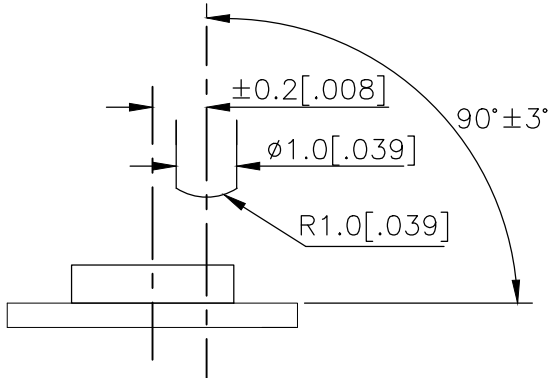
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

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:

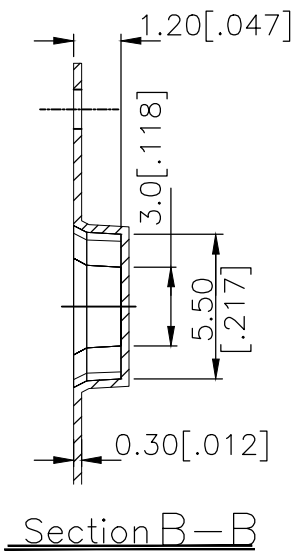
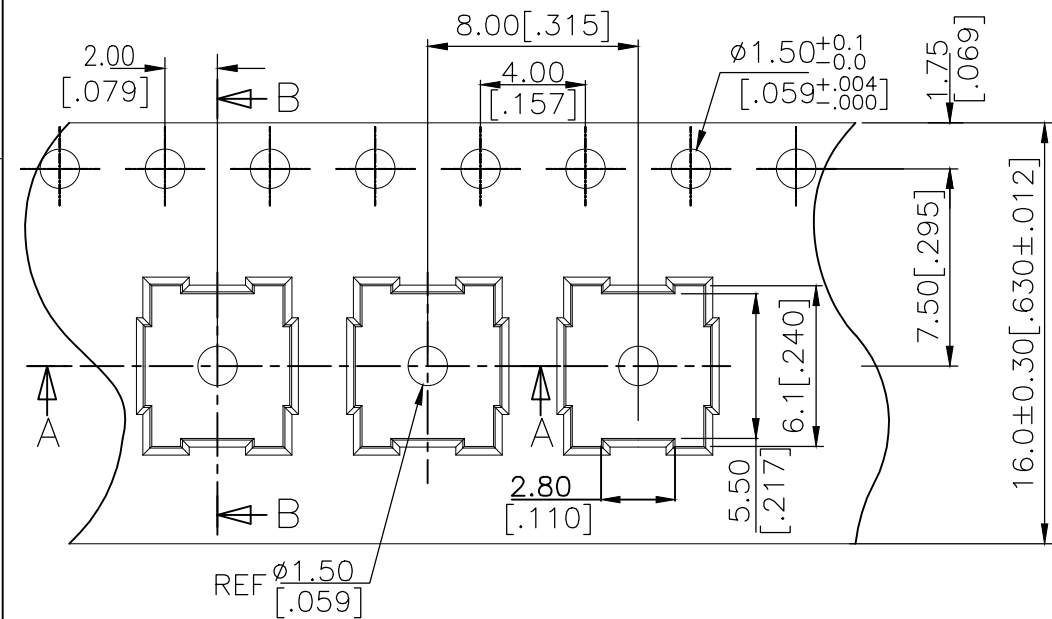
1. DO NOT ACTUATE THE SWITCH WITH EXCESSIVE FORCE
2. DISCONTINUE FORCE AFTER THE SWITCH HAS BEEN ACTUATED SO AS TO AVOID DEFORMATION OF THE COMPONENTS OF THE SWITCH. DEFORMATION OF THE COMPONENTS MAY CAUSE THE SWITCH TO MALFUNCTION.
3. ALIGN THE PLUNGER WITH THE SWITCH TO INSURE PROPER OPERATION



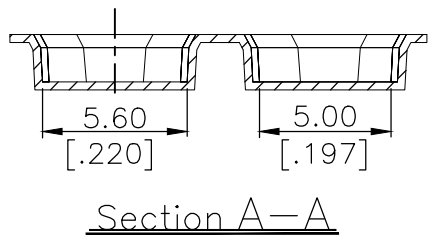
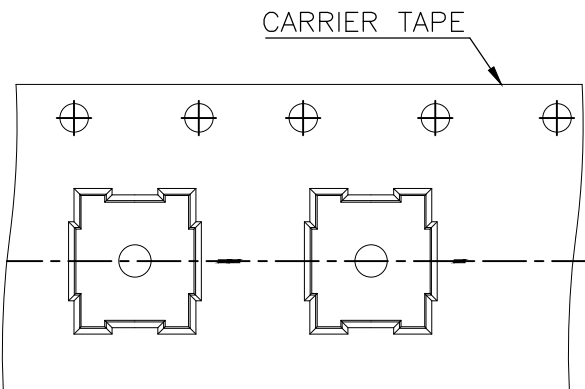
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GANESH C M 04JUL2018	TE Connectivity Ltd.		
		CHK ALEXANDER SHARPE 04JUL2018			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, MINI, 5.2 x 5.2 x 0.8, J BEND		
		PRODUCT SPEC	—		
	0 PLC ± — 1 PLC ± — 2 PLC ± 0.20 [.008] 3 PLC ± — 4 PLC ± — ANGLES ± —	APPLICATION SPEC	—		
		—	SIZE A3	CAGE CODE 00779	DRAWING NO C-2337242
MATERIAL —	FINISH —	WEIGHT	RESTRICTED TO —		
CUSTOMER DRAWING			SCALE NTS	SHEET 2 OF 3	REV B

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

THE DIMENSIONS OF CARRIER TAPE AND REEL:

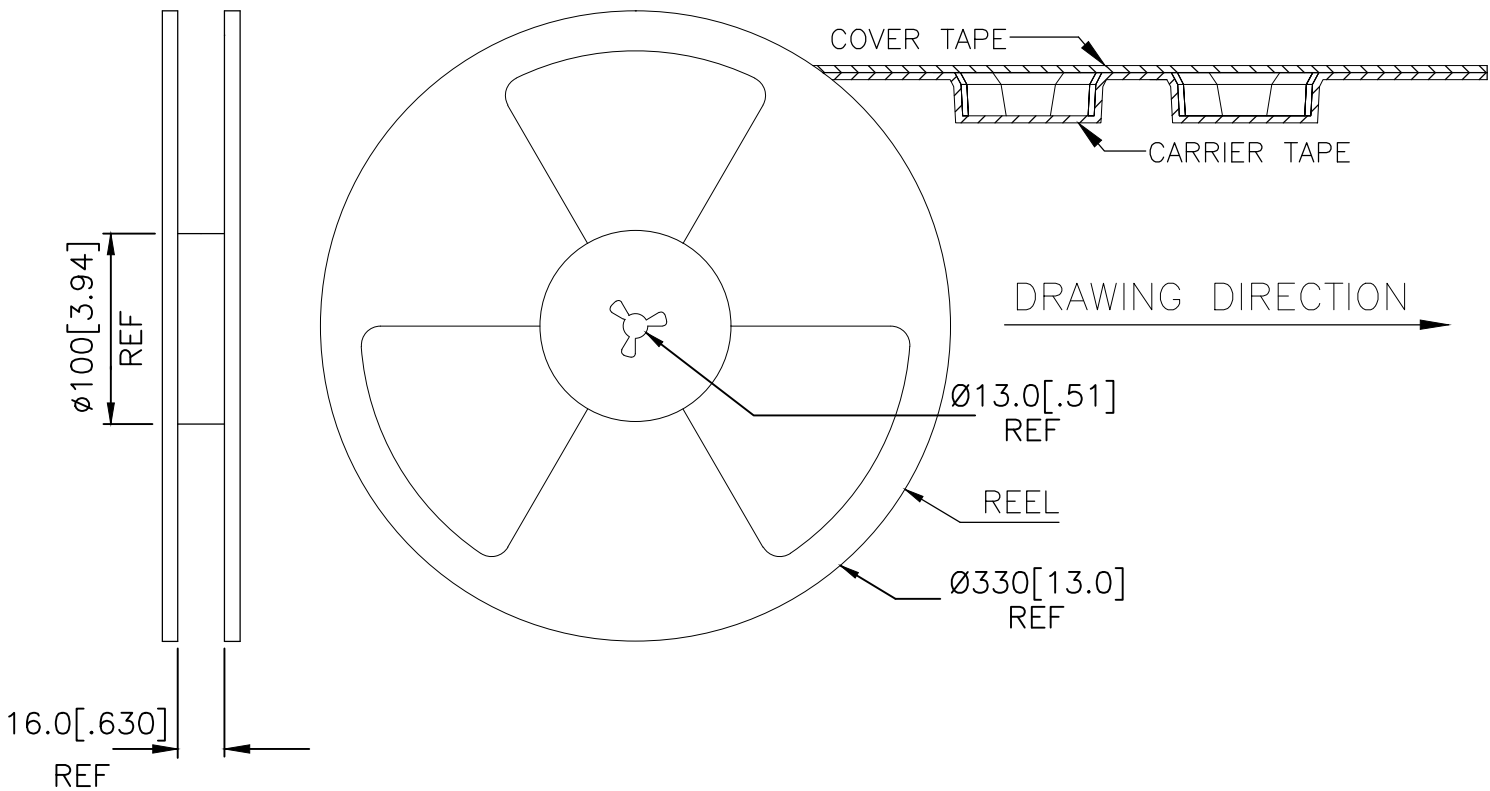


ORIENTATION OF PILOT HOLES



6. PACKAGING:

1. THE TAPE AND REEL ARE SHOWN FOR CUSTOMER APPLICATION REFERENCE. PACKAGING NOTES 3 AND 4 ARE REQUIRED BUT NOT ILLUSTRATED.
2. 4,000 SWITCHES PER REEL.
3. THE REEL, DESICCANT POUCH AND HUMIDITY CARD ARE SEALED IN A MOISTURE BARRIER BAG PER THE CURRENT REVISION OF IPC/JEDEC J-STD-033, MSL 2A REQUIREMENTS.
4. THE MOISTURE BARRIER BAG IS LABELED PER THE CURRENT REVISION OF IPC/JEDEC J-STD-033, MSL 2A REQUIREMENTS.



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		CHK ALEXANDER SHARPE 04JUL2018			
		APVD ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, MINI, 5.2 x 5.2 x 0.8, J BEND		
DIMENSIONS: mm [INCHES]		PRODUCT SPEC —	SIZE A3		RESTRICTED TO —
		APPLICATION SPEC —	CAGE CODE 00779		REV B
		WEIGHT —	DRAWING NO C-2337242		
MATERIAL —		FINISH —	SCALE NTS		SHEET 3 OF 3
			CUSTOMER DRAWING		

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