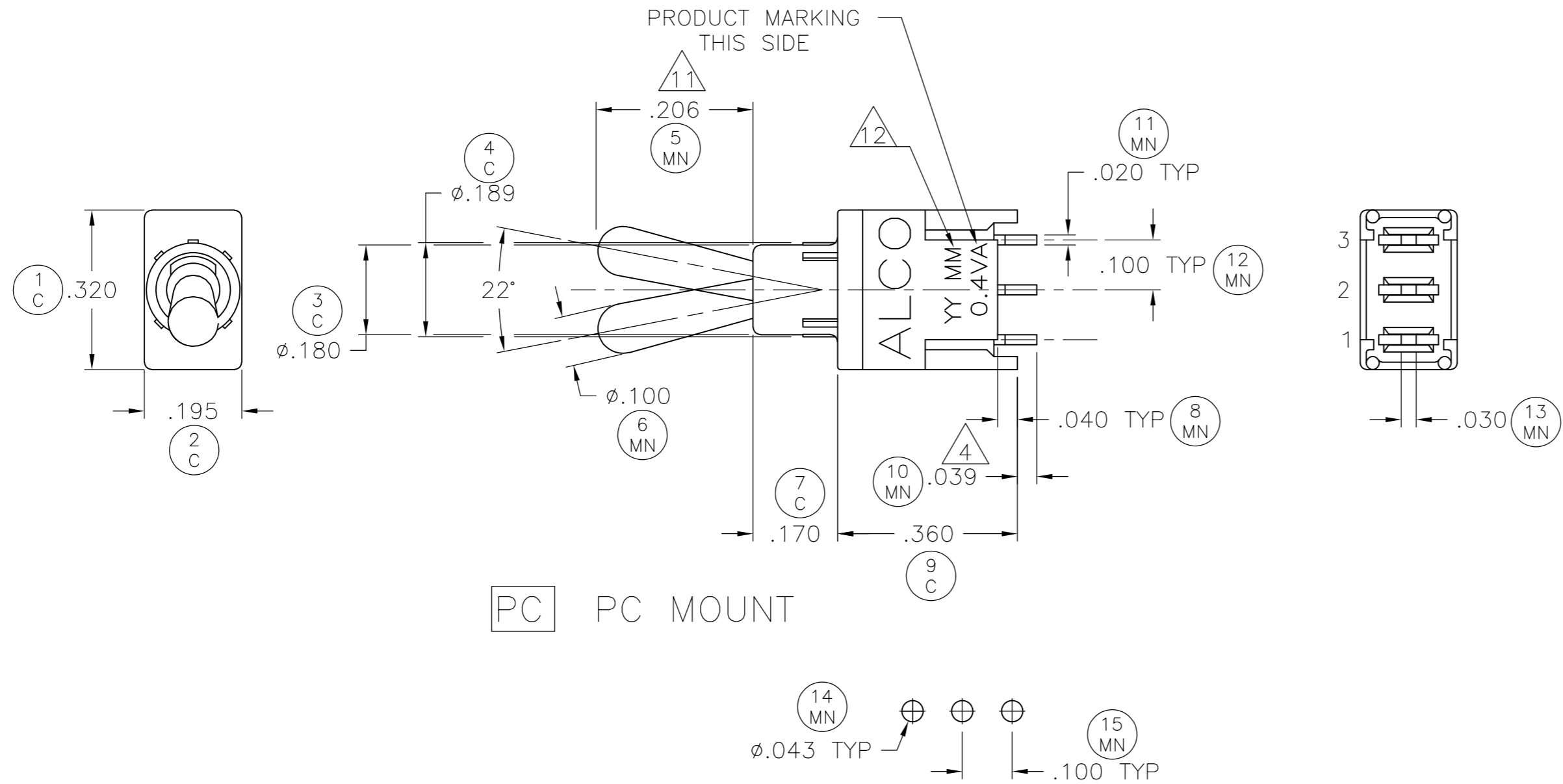


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0	A2		REVISED PER ECO-14-000707	20JAN2014	NK	RH



PC MOUNT

PC HOLE PATTERN
 TOLERANCES FOR ALL PCB LAYOUT DIMENSIONS TO BE ±.002

MATERIALS;
 CASE: GLASS FILLED HIGH TEMPERATURE POLYESTER.
 BUSHING: GLASS FILLED HIGH TEMPERATURE POLYESTER WITH ELECTROSTATIC DISSIPATIVE CHARACTERISTICS.
 ACTUATOR: NICKEL PLATED COPPER ALLOY.
 MOVABLE CONTACT: GOLD OVER NICKEL OVER COPPER ALLOY.
 STATIONARY CONTACT: GOLD OVER NICKEL OVER COPPER ALLOY.
 TERMINALS: TIN LEAD OVER COPPER ALLOY.
 TERMINAL SEAL: HIGH TEMPERATURE SEALANT.
 ACTUATOR SEAL: O-RING.

ELECTRICAL:
 CONTACT RATING: 0.4 VA @ 20 VDC OR PEAK AC.
 INITIAL CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 INSULATION RESISTANCE: 1,000 MEGOHMS AT 500 VDC MIN.
 DIELECTRIC STRENGTH: 1,000 VOLTS RMS AT SEA LEVEL.
 LIFE EXPECTANCY: 60,000 CYCLES MECHANICAL ACTUATIONS AND 60,000 CYCLES AT 0.4 VA @ 20 VDC OR PEAK AC.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).
 STORAGE TEMPERATURE: -67°F TO +185°F (-55°C TO +85°C).

QUALITY ASSURANCE:
 ALL CRITICAL DIMENSIONS, (C), MUST BE 1.5Cpk MINIMUM.

- 1 INTERPRET DRAWING PER ASME Y14.5M-1994.
- 2 PKG 100 PCS/BAG 1 BAG/BOX.
- 4 TERMINALS SHALL BE TRIMMED TO .039 PRIOR TO APPLICATION OF SEALANT.
- 5 "O" RING, WELDS AND SEALS SHALL BE TESTED USING AUGATS STANDARD BUBBLE TEST.
- 6 ACTUATION FORCE: 800 GRAMS MAX.
- 7 EACH TERMINAL SHALL WITHSTAND A 6 LBS PULL FORCE.
- 8 EACH TOGGLE SHALL WITHSTAND A 10 LBS PULL FORCE AND PUSH TEST OF 30 LB.
- 10 TERMINAL NUMBERS ARE NOT MARKED ON SWITCH. (FOR REFERENCE ONLY).
- 11 DIMENSION MEASURED IN CENTER OFF POSITION.
- 12 DATE CODE: YYYY (YEAR, MONTH)

FUNCTION CHART

THE FOLLOWING FUNCTIONS AVAILABLE IN SINGLE POLE.

OFF	INDICATES A MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION.	3 POSITIONS	ON	OFF	ON
		TERMINALS CONNECTED:	1-2	-	2-3
CIRCUIT TIMING - SPDT CENTER OFF					

LEGEND:
 C = CRITICAL DIMENSION
 M = MAJOR DIMENSION
 MN = MINOR DIMENSION
 ST = STATISTICAL PROCESS CONTROLS

CRITICAL DIMS	MAJOR DIMS	LAST USED NO.	DELETED NO'S.	ST NO'S.
1,2,3,4,7,9		16		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S SCHLEGEL 19JAN2007	TE Connectivity	
DIMENSIONS: INCHES		CHK M SILBOURN 1/19/07	TST11EGPC1	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M WILBOURN 1/19/07	NAME	
0 PLC ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
1 PLC ± -		APPLICATION SPEC	RESTRICTED TO	
2 PLC ± -			A2 00779 C=4-1437564-2	
3 PLC ± .010			SCALE 1:1 SHEET 1 OF 1 REV A2	
4 PLC ± -				
ANGLES ± 1°				
MATERIAL FINISH		WEIGHT -		
		CUSTOMER DRAWING		

4-1437564-2