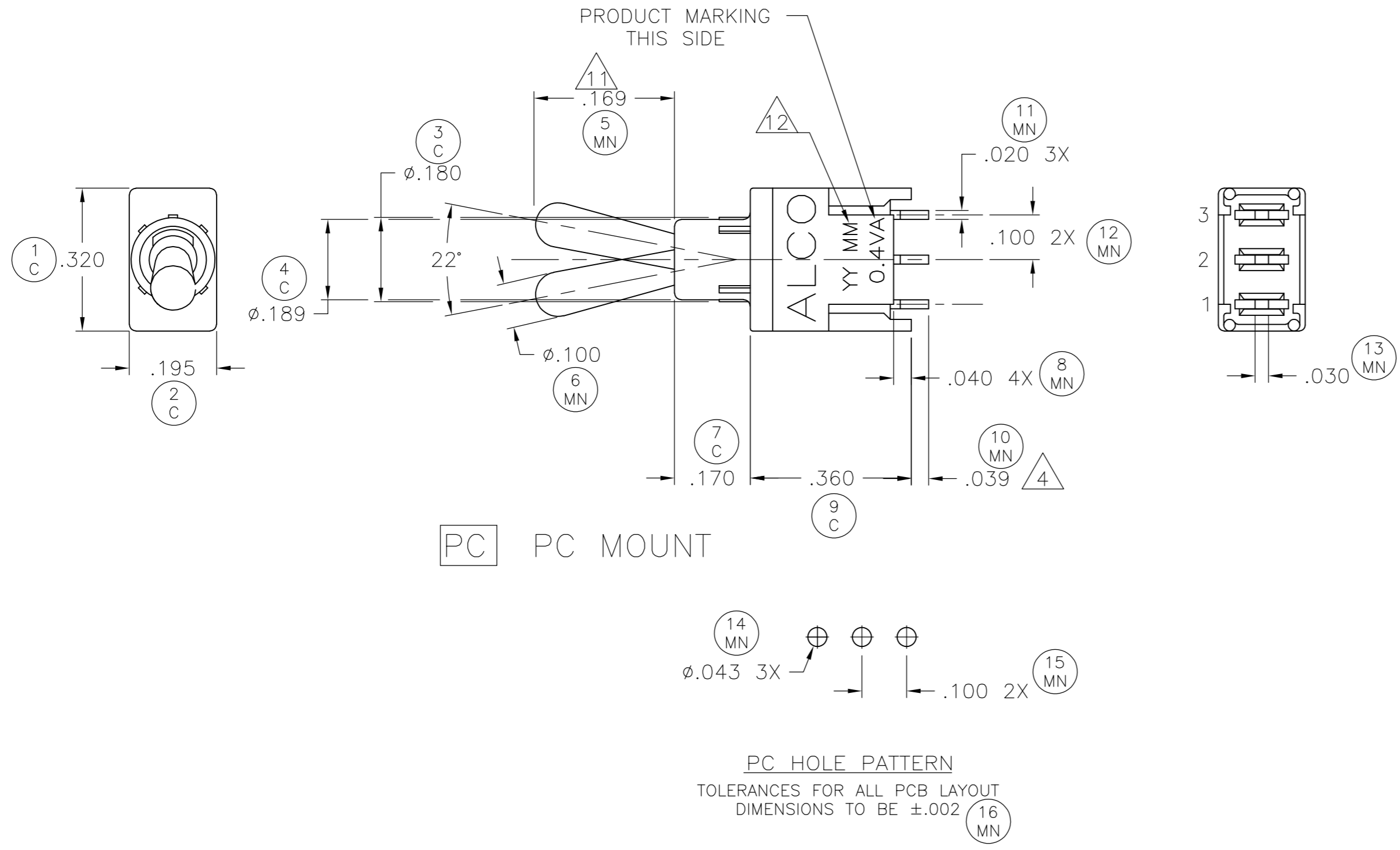


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	B	REVISED PER ECO-14-000707		20JAN2014	NK	RH	

CONVERSION CHART	
INCH	MM
.010	0,25
.020	0,52
.030	0,76
.039	0,99
.040	1,02
.043	1,09
.100	2,54
.169	4,29
.170	4,32
.180	4,57
.189	4,80
.195	4,95
.320	8,13
.360	9,14



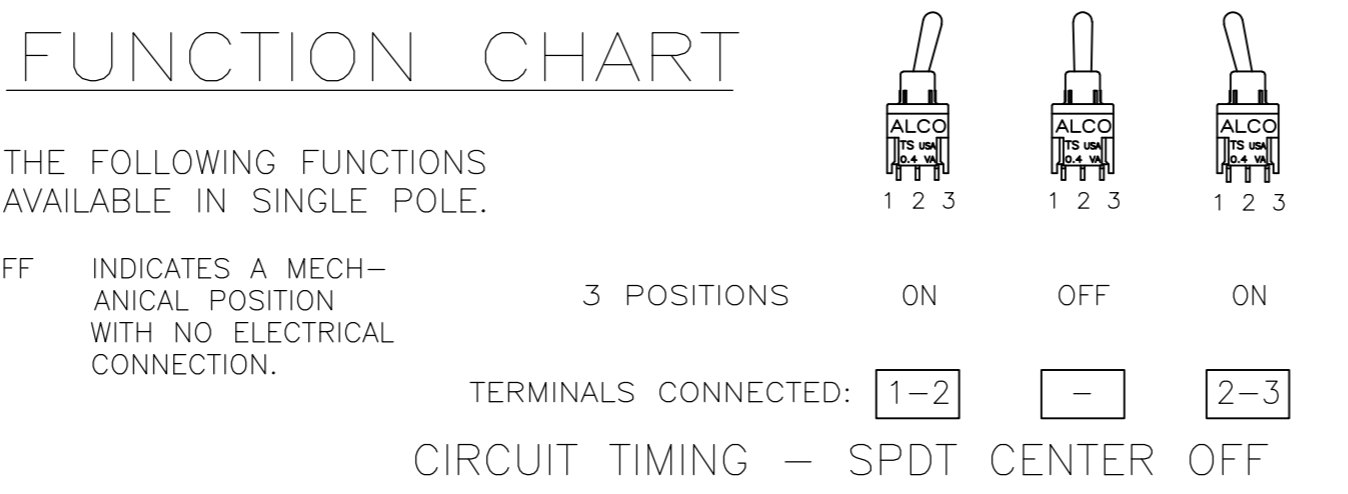
MATERIALS;
 CASE: GLASS FILLED HIGH TEMPERATURE POLYESTER.
 BUSHING: GLASS FILLED HIGH TEMPERATURE POLYESTER WITH ELECTROSTATIC DISSIPATIVE CHARACTERISTICS.
 ACTUATOR: NICKEL PLATED COPPER ALLOY.
 MOVABLE CONTACT: GOLD OVER NICKEL OVER COPPER ALLOY.
 STATIONARY CONTACT: GOLD OVER NICKEL OVER COPPER ALLOY.
 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.

- INTERPRET DRAWING PER ASME Y14.5M-1994.
- PKG 100 PCS/BAG, 1 BAG/BOX.
- TERMINALS SHALL BE TRIMMED TO .039 PRIOR TO APPLICATION OF SEALANT.
- "O" RING, WELDS AND SEALS SHALL BE TESTED USING AUGATS STANDARD BUBBLE TEST.
- ACTUATION FORCE WITH .169 TOGGLE TO BE DETERMINED.
- EACH TERMINAL SHALL WITHSTAND A 6 LBS, PULL FORCE.
- EACH TOGGLE SHALL WITHSTAND A 10 LBS, PULL FORCE PUSH TEST TO BE DETERMINED.
- TERMINAL NUMBERS ARE NOT MARKED ON SWITCH. (FOR REFERENCE ONLY).



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 11SEP2013 KIRAN HOLAL		
DIMENSIONS: INCHES		CHK 11SEP2013 OTT PETER		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 11SEP2013 OTT PETER	NAME OUTLINE DRAWING TST71218	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC	SIZE A2	
MATERIAL		APPLICATION SPEC	CAGE CODE 00779	DRAWING NO 4-1437564-1
FINISH		WEIGHT	RESTRICTED TO	
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 of 1