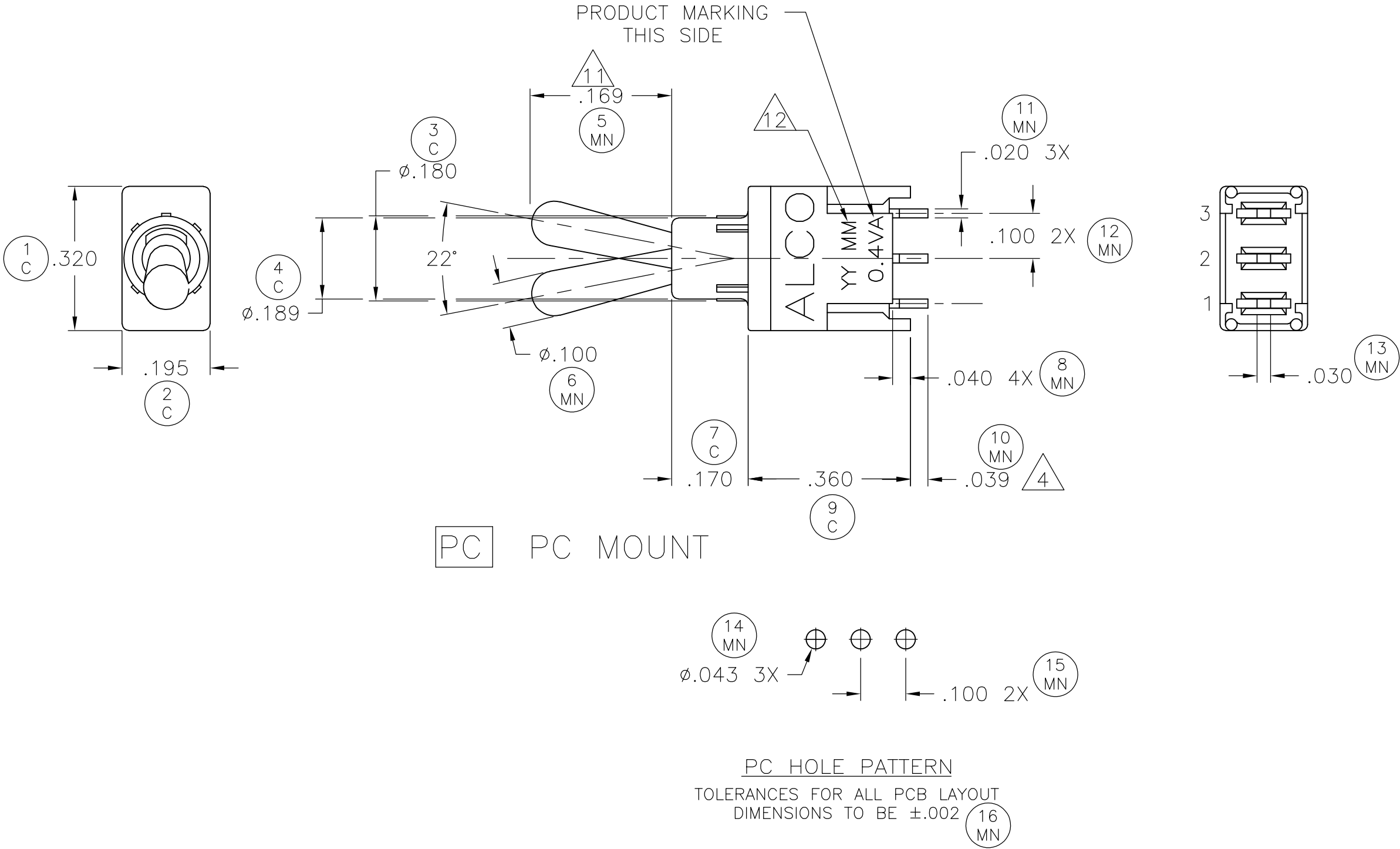


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0		B	REVISED PER ECO-14-000707	20JAN2014	NK	RH

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



PC MOUNT

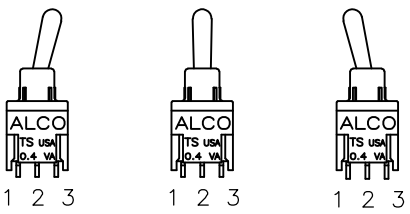
PC HOLE PATTERN
TOLERANCES FOR ALL PCB LAYOUT
DIMENSIONS TO BE ±.002

FUNCTION CHART

THE FOLLOWING FUNCTIONS
AVAILABLE IN SINGLE POLE.

OFF INDICATES A MECH-
ANICAL POSITION
WITH NO ELECTRICAL
CONNECTION.

3 POSITIONS



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		

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, (NO. 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 WITH .169 TOGGLE TO BE DETERMINED.

7 EACH TERMINAL SHALL WITHSTAND A 6 LBS, PULL FORCE.

8 EACH TOGGLE SHALL WITHSTAND A 10 LBS, PULL FORCE
PUSH TEST TO BE DETERMINED.

10 TERMINAL NUMBERS ARE NOT MARKED ON SWITCH.
(FOR REFERENCE ONLY).

11 DIMENSION MEASURED IN CENTER OFF POSITION.

12 DATE CODE: YYMM (YEAR, MONTH)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KIRAN HOLAL 11SEP2013	TE Connectivity			
DIMENSIONS: INCHES		CHK OTT PETER 11SEP2013				
		APVD OTT PETER 11SEP2013	NAME OUTLINE DRAWING TST71218			
		PRODUCT SPEC				
		APPLICATION SPEC				
MATERIAL		WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO 4-1437564-1	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 of 1	REV B	