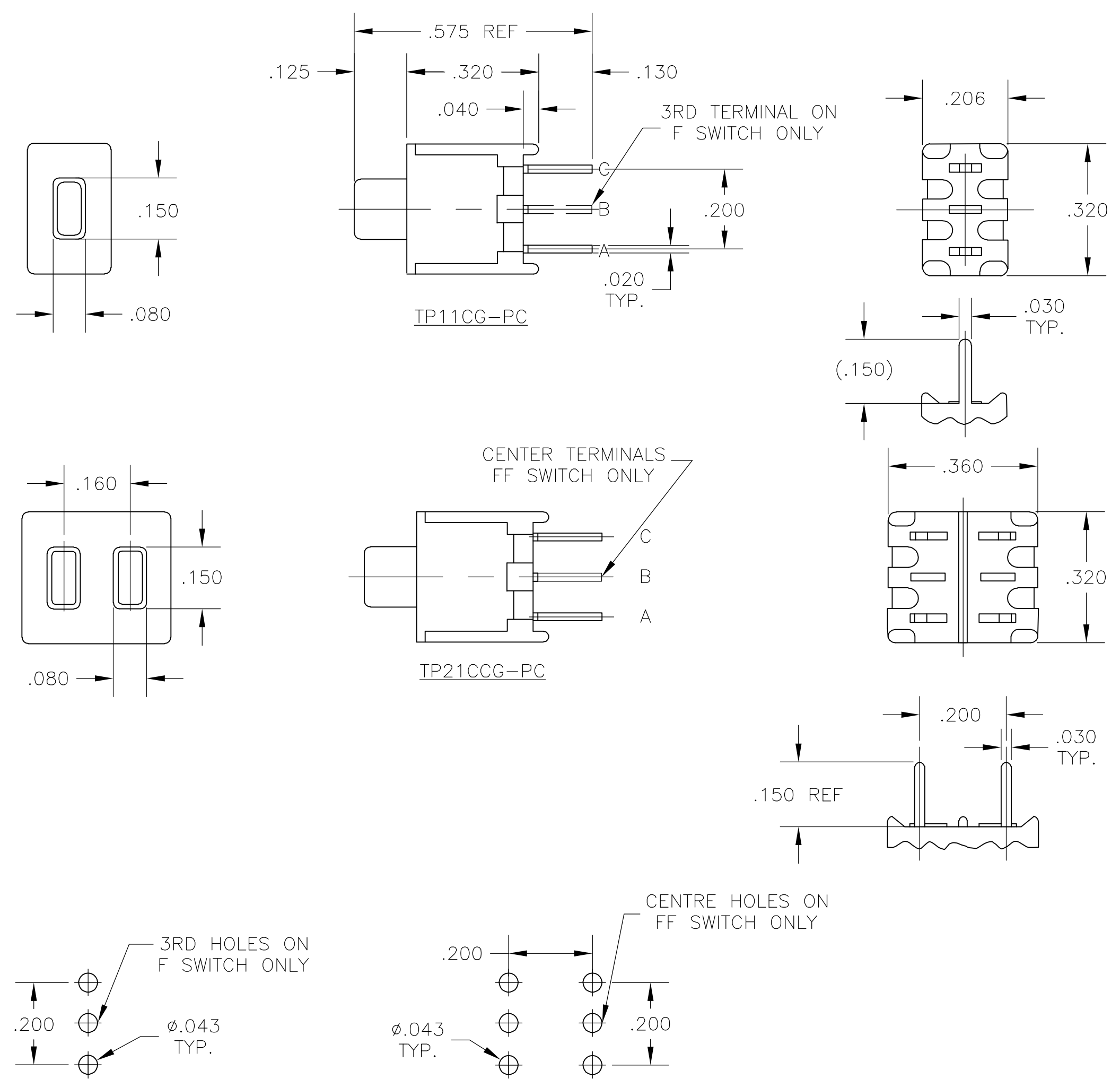


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LOC		DIST		REVISIONS			
AD	OO	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		ECO-06-000585	08AUG06	BSV	MK



2 SPECIFICATIONS:

MATERIALS:
 CASE : HIGH TEMPERATURE PLOYSTER UL 94V-0.
 ACTUATOR BUTTON : THERMOPLASTIC.COLORS:SEE CHART BELOW
 MOVING CONTACT : COPPER ALLOY.GOLD PLATED OVER NICKEL.
 FIXED CONTACT : COPPER ALLOY.GOLD PLATED OVER NICKEL.
 TERMINALS : COPPER ALLOY.TIN LEAD PLATED.
 TERMINAL SEAL : SP EPOXY
 DP EPOXY OPTIONAL.

ELECTRICAL:
 CONTACT RATING : GOLD=0.4VA MAX.@ 20 VDC OR PEAK AC.
 INITIAL CONTACT RESISTANCE : 20 MILLIOHMS MAX.
 INSULATION RESISTANCE : 1.000MEGHOHMS @ 500VDC MIN.
 DIELECTRIC STRENGTH : 1.000VAC @ SEALEVEL.
 LIFE EXPECTANCY:GOLD : 1 POLES=100,000CYCLES.
 2 POLES=80,000 CYCLES.

MECHANICAL:
 ACTUATION FORCE : TP11CG-PC.TP21CCG-PC : 9oz(.26kg)
 TP11FG-PC.TP21FFG-PC : 12oz(0.34kg)
 ACTUATION TRAVEL : .030 APPROX.

ENVIRONMENTAL:
 OPERATING TEMPERATURE : -22°F TO +149°F(-30°C TO 65°C)
 STORAGE TEMPERATURE : -22°F TO +149°F(-30°C TO +65°C)

2 NOTES:
 1. INTERPRET DRAWING PER ASME Y14.5M-1994.

(*)	COLORS
0	BLACK
2	RED
6	BLUE

SP DP

RECOMMENDED HOLE LAYOUT
 TOLERANCE ±.002 UNLESS
 OTHERWISE MENTIONED

MODEL NUMBER		ACTION	CONTACTS	
			FREE BUTTONS	DEPPRESSED BUTTONS
TP11CG-PC(*) SPST	TP21CCG-PC(*) 2 X SPST	NORMALLY OPEN	NONE	A TO C
TP11FG-PC(*) SPDT	TP21FFG-PC(*) 2 X SPDT	MOMENTARY	B TO A	B TO C

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	B.BUCKHEIT	16AUG77
CHK	B.B	16NOV78
APVD	-	-
PRODUCT SPEC	-	-
APPLICATION SPEC	-	-
WEIGHT	-	-
CUSTOMER DRAWING	SCALE 4:1	SHEET 1 of 1

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± -
 2 PLC ± -
 3 PLC ± .010
 4 PLC ± -
 ANGLES ± 1°
 MATERIAL: SEE SPECIFICATIONS
 FINISH: SEE SPECIFICATIONS

tyco Electronics Tyco Electronics Corporation
 Harrisburg, PA 17105-3608
 NAME: PUSH BUTTON SWITCH
 TP11CG/FG-PC(*) AND TP21CCG/FFG-PC(*)
 SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1437571-4
 RESTRICTED TO: -
 REV: B

1437571-4

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