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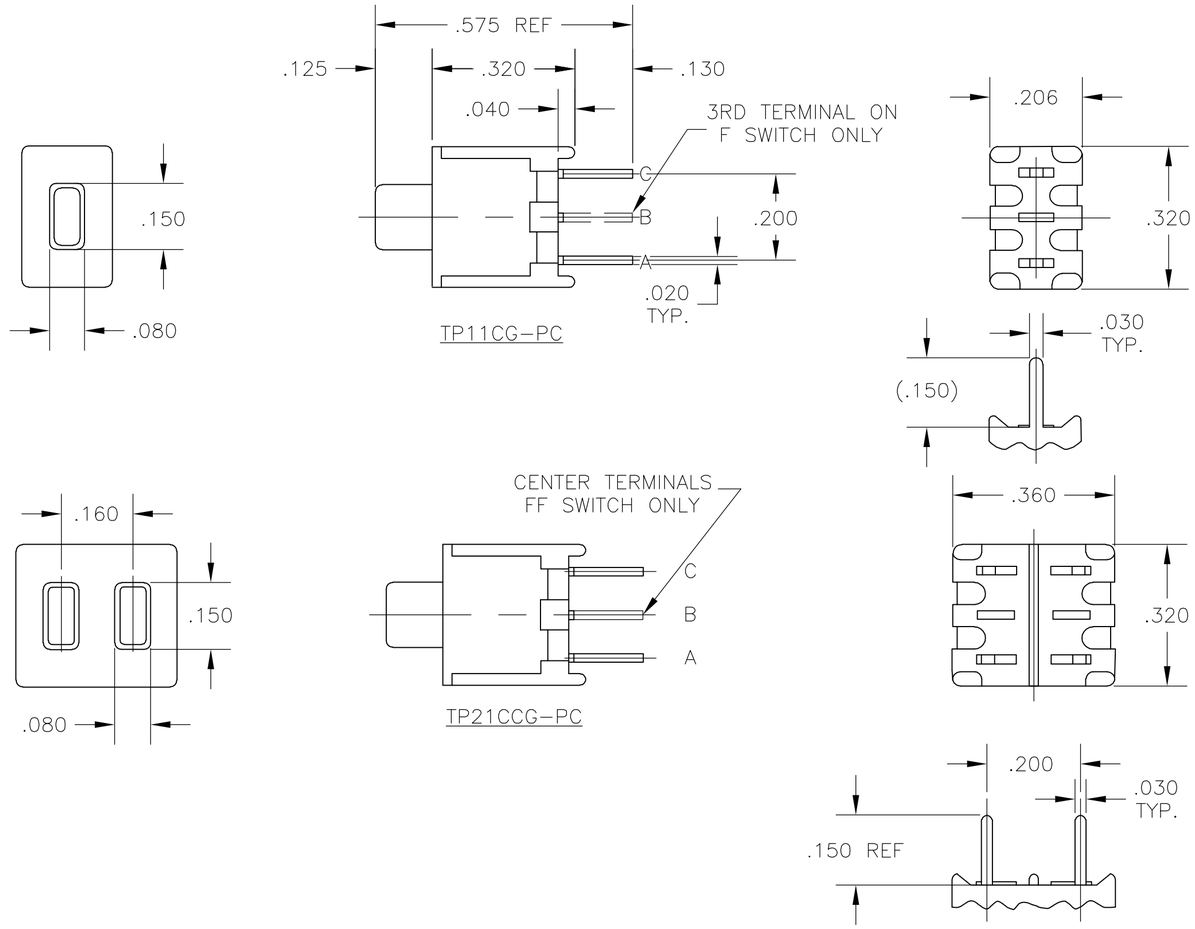
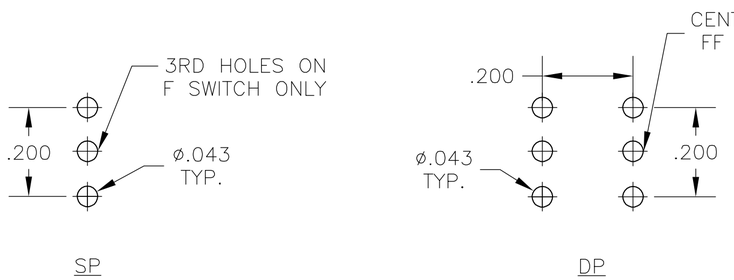
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECO-06-000585	08AUG06	BSV	MK





RECOMMONDED HOLE LAYOUT

TOLERANCE ±.002 UNLESS OTHERWISE MENTIONED

2 SPECIFICATIONS:

MATERIALS:
CASE : HIGH TEMPERATURE PLOYSTER UL 94V-0.
ACTUTAOR 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.
INTIAL 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.

MEACHANICAL:
ACTUATION FORCE : TP11CG-PC.TP21CCG-PC : 9oz(.26kg)
TP11FG-PC.TP21FFG-PC : 12oz(0.34kg)
ACTUTATION 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

MODEL NUMBER	MODEL NUMBER	ACTION	CONTACTS: FREE BUTTONS	CONTACTS: 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.

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

DWN B.BUCKHEIT 16AUG77
CHK B.B 16NOV78
APVD —
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: PUSH BUTTON SWITCH TP11CG/FG-PC(*) AND TP21CCG/FFG-PC(*)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1437571-4	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV B

1437571-4