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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	MIN	APD
		B		ECO-06-000585		08AUG06	BSV MK

△ 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.

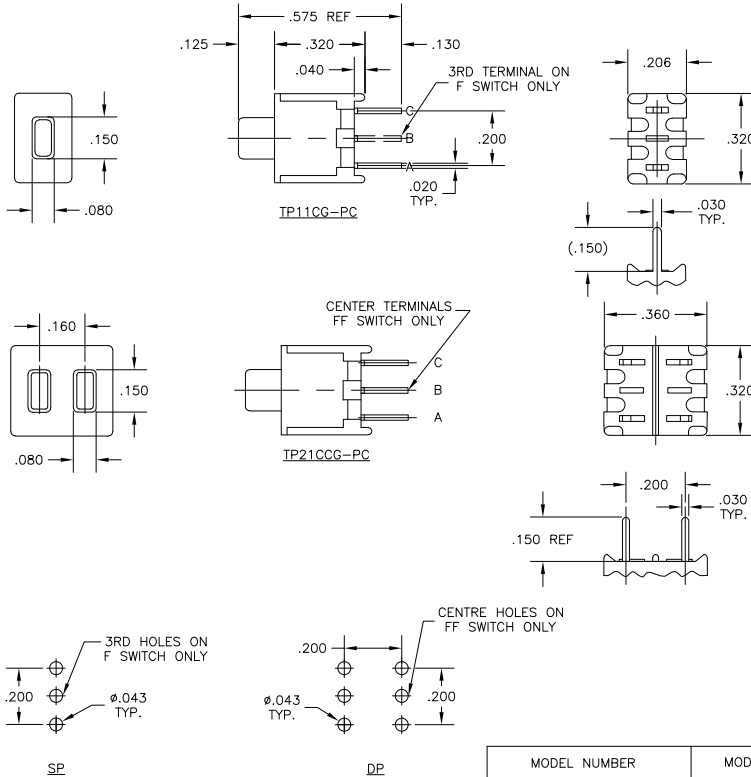
**ELECTRICAL:**  
CONTACT RATING : GOLD=0.4VA MAX. @ 20 VDC OR PEAK AC.  
INITIAL CONTACT RESISTANCE : 20 MILLIOHMS MAX.  
INSULATION RESISTANCE : 1,000MEGHOHMS @ 500VDC MIN.  
DIELECTRIC STRENGTH : 1,000VAC @ SEALEVEL.  
LIFE EXPECTANCY:GOLD : 1 POLES=100,000CYCLES.  
2 POLES=80,000 CYCLES.

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

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

(*)	COLORS
0	BLACK
2	RED
6	BLUE



RECOMMENDED HOLE LAYOUT  
TOLERANCE ±.002 UNLESS OTHERWISE MENTIONED

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES 0 PLG ± .010 1 PLG ± .010 2 PLG ± .010 3 PLG ± .010 4 PLG ± .010 ANGLES ± .1° FINISH SEE SPECIFICATIONS	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLG ± .010 1 PLG ± .010 2 PLG ± .010 3 PLG ± .010 4 PLG ± .010 ANGLES ± .1° FINISH SEE SPECIFICATIONS	DATE: 16AUG07 BY: BLUCKHEIT CHK: 16NOV08 DES: -- APPR: -- PRODUCT SPEC: -- APPLICATION SPEC: -- WEIGHT: -- CUSTOMER DRAWING	Tyco Electronics Corporation Harrisburg, PA 17105-3608 PUSH BUTTON SWITCH TP11CG/FG-PC(*) AND TP21CCG/FFG-PC(*) SIZE: A2 QAGE CODE: 00779 DRAWING NO: C=1437571-4 RESTRICTED TO: -- SCALE: 4:1 SHEET: 1 of 1 REV: B
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1437571-4

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