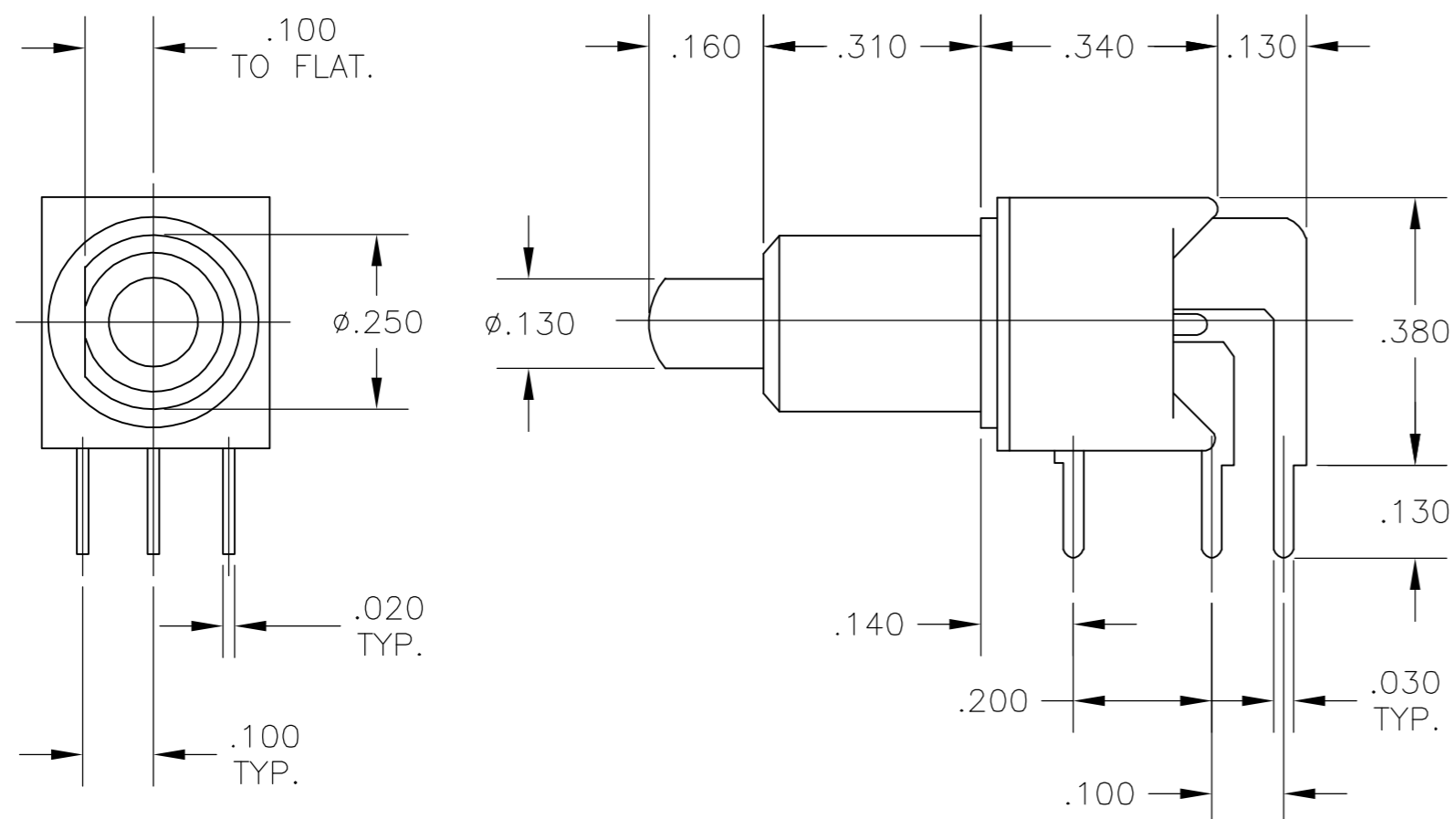


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	B	ECO 06 000585		10AUG06	BSV	MZ	



2 SPECIFICATIONS:

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

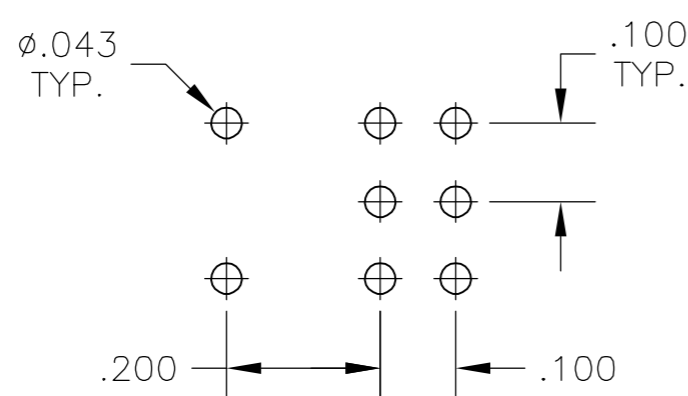
ELECTRICAL:
 CONTACT RATING: 0.4 VA MAX. @ 20 VDC OR PEAK AC.
 INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
 INSULATION RESISTANCE: 1000 MEGHMOHMS @ 500 VDC MIN.
 DIELECTRIC STRENGTH: 1.000 VOLTS RMS @ SEA LEVEL.
 LIFE EXPECTANCY: GOLD: 1 POLE = 100,000 CYCLES.
 2 POLES = 80,000 CYCLES.

MECHANICAL:
 ACTUATION FORCE: 50 TO 400 GRAMS.
 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 ANSI Y14.5M-1994.



RECOMMENDED HOLE LAYOUT
 TOLERANCE $\pm .002$ UNLESS OTHERWISE NOTED.

(*)	BUTTON COLOR
(0)	BLACK
(2)	RED
(6)	BLUE

MODEL NO.	TYPE	TERMINAL CONNECTION	TERMINAL DESIGNATION
TPD21MG-RA(*)	DPST	NONE	(1-3).(4-6)
TPD21RG-RA(*)	DPDT	1-2-4-5	(2-3).(5-6)

TERMINAL CONNECTED WHEN PLUNGER IS IN POSITION SHOWN.
 TERMINAL DESIGNATION NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR IN THE SWITCHES.
 () - INDICATES MOMENTARY
 NO CENTER TERMINAL ON "M" ACTION SWITCH.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.A.R.	05AUG87	tyco Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		CHK C.M.M.	10AUG87		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T.S.	13AUG87	NAME SWITCH PUSH BUTTON TPD21*G-RA(*)	
0 PLC \pm - 1 PLC \pm - 2 PLC \pm - 3 PLC \pm .010 4 PLC \pm - ANGLES \pm 1'		PRODUCT SPEC APPLICATION SPEC		SIZE A2	CAGE CODE 00779
MATERIAL SEE SPECIFICATIONS		WEIGHT -		DRAWING NO 6-1437572-2	
FINISH SEE SPECIFICATIONS		CUSTOMER DRAWING		RESTRICTED TO -	SCALE 4:1
		SHEET 1 OF 1		REV B	

6-1437572-2