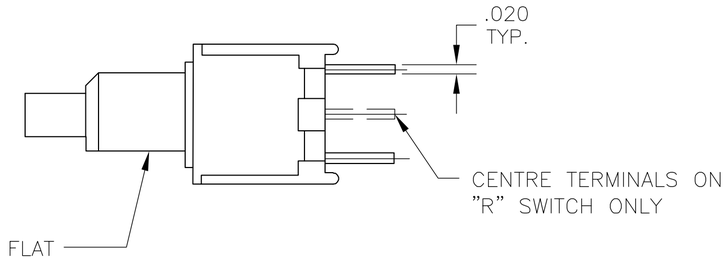
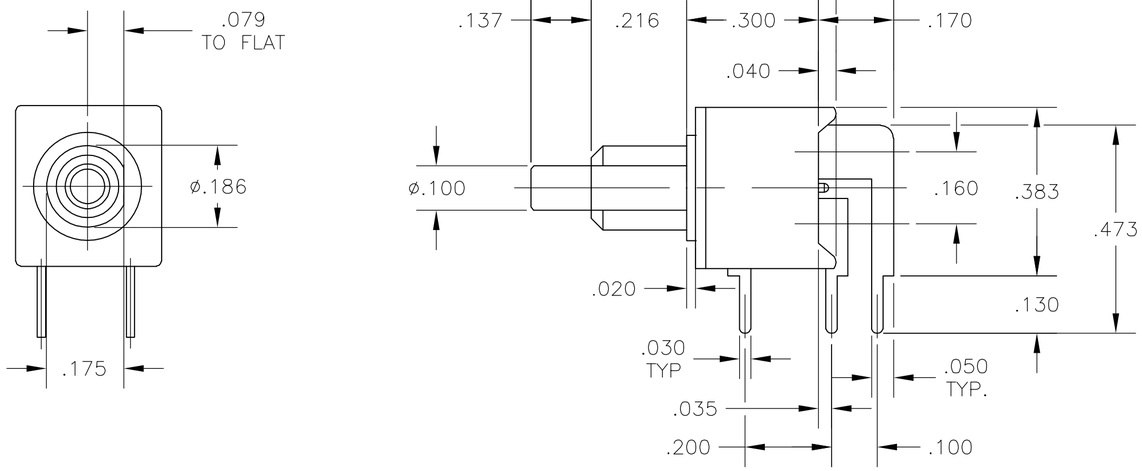
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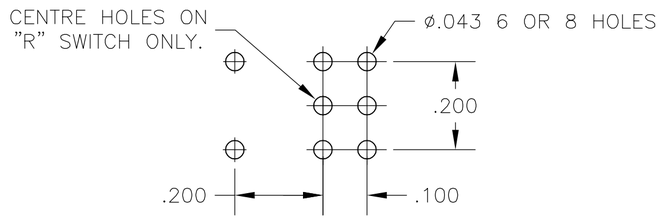
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECO-06-000585	10AUG06	BSV	MZ







RECOMMENDED HOLE LAYOUT

TOLERANCE ±.002 UNLESS
OTHERWISE NOTED

SPECIFICATIONS:

MATERIALS:
CASE: HIGH TEMPERATURE POLYSTER,UL 94V-0.
ACTUATOR BUTTON:THERMOPLASTIC. COLOR: 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 = 0.4 VA MAX. @ 20 VDC OR PEAK AC.
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
INSULATION RESISTANCE: 1,000 MEGHAOHMS @500 VDC MIN.
DIELECTRIC STRENGTH: 1,000 VAC @ SEA LEVEL.
LIFE EXPECTANCY: GOLD 1 POLE=100,000 CYCLES.
2 POLE=80,000 CYCLES.

MECHANICAL:
ACTUATION FORCE: 50 TO 400g.
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).

NOTES:

1. INTERPRET DRAWING PER ANSI Y14.5M-1994.

(*)	SPECIFY COLORS BUTTON
0	BLACK
2	RED
6	BLUE

MODEL NO	ACTION	CONTACTS	
		FREE BUTTONS	DEPRESSED BUTTON
TPB21MG-RA(*)	DPST NORMALLY OPEN	NONE	A TO C
TPB21RG-RA(*)	DPDT MOMENTARY	B TO A	B TO C (MOM)

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 SPECIFITIONS
FINISH: SEE SPECIFITIONS

DWN ED.R 11FEB86
CHK J.S 13FEB86
APVD S.D.C 18FEB86
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

CUSTOMER DRAWING

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
SUBMINATURE PUSHBUTTON SWITCH
TPB21MG/RG-RA(*)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-8-1437571-6	–

SCALE 4:1 SHEET 1 OF 1 REV B

8-1437571-6