



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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SPECIFICATIONS:

MATERIALS:

CASE: HIGH TEMPERATURE POLYESTER. UL 94V-0.
ACTUATOR BUTTON: THERMOPLASTIC, COLORS: SEE CHART BELOW.
MOVING CONTACT: COPPER ALLOY: GOLD PLATED.
FIXED CONTACT: COPPER ALLOY. GOLD PLATED.
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: 1000 MEGOHMS 500 VDC MIN.
DIELECTRIC STRENGTH: 1.000 VAC.
LIFE EXPECTANCY: GOLD: 1 POLE 100,000 CYCLES.
2 POLE 80,000 CYCLES.

MECHANICAL:

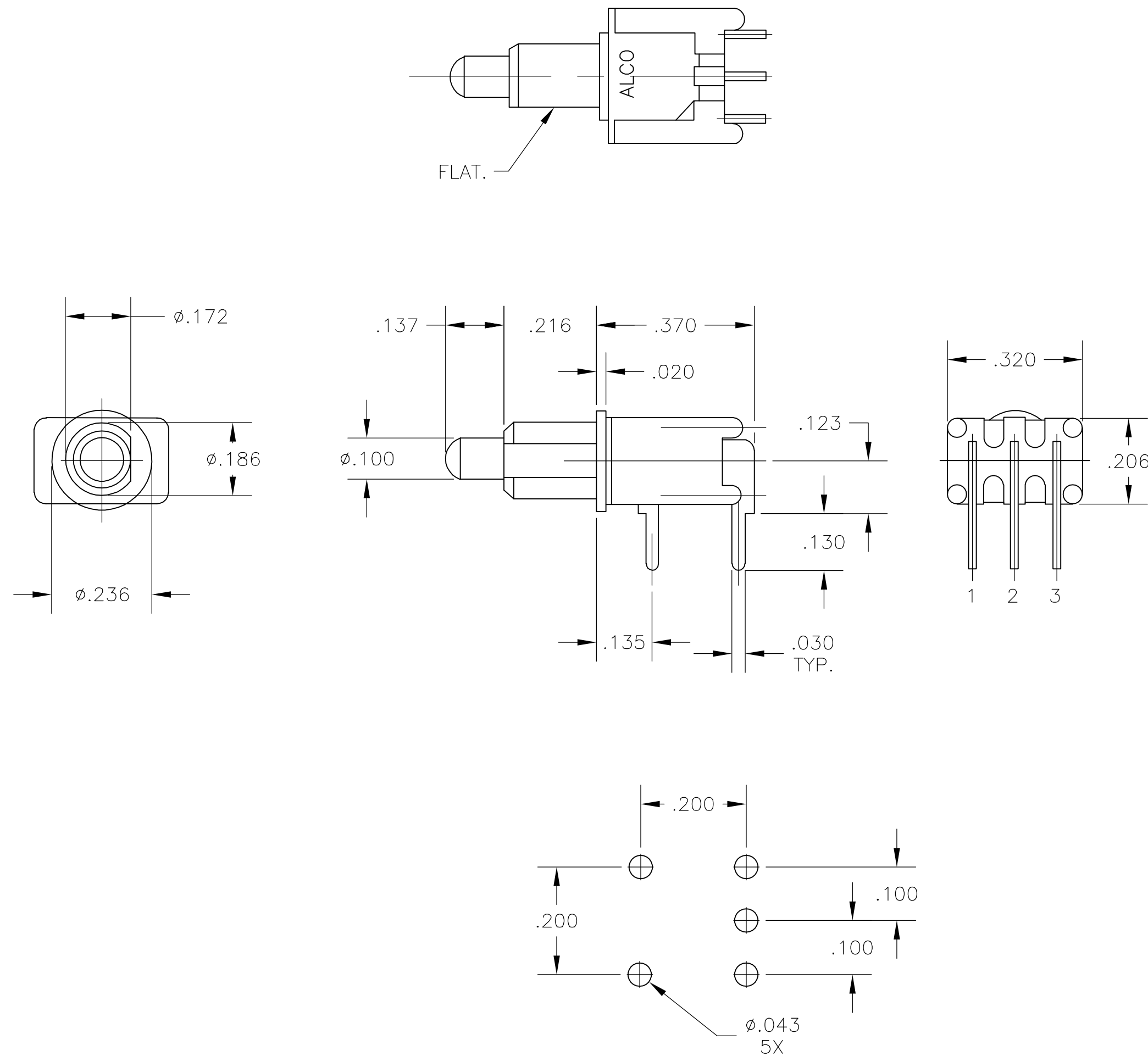
ACTUATION FORCE: 50 TO 400g.
ACTUATION TRAVEL: .030 APPROX.

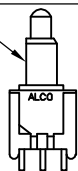
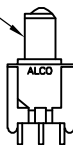
ENVIRNAMENTAL:

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. Y145M-1994.
2. SUPPLIED WITH MOUNTING HARDWARE.




TERMINALS CONNECTED WHEN BUTTON IS IN POSITION SHOWN		
SWITCH MODEL		
TPB11CG-RA(*)	OFF	3-1(MOM)
TPB11FG-RA(*)	2-1	2-3(MOM)

NOTE:
 TERMINAL DESIGNATION NUMBERS ARE FOR REFERENCE ONLY AND DO NOT. APPEAR ON SWITCHES.

(*)	BUTTON COLOR
0	BLACK
2	RED
6	BLUE

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN V.J.MARTIN	06FEB81	<i>tyco</i> <i>Electronics</i>		Tyco Electronics Corporation	
		CHK B.BUCKHEIT	06FEB81			Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SWITCH,PUSH BUTTON TPB11CG/FG-RA(*)			
		APVD RICHARD.D					
		PRODUCT SPEC					
		APPLICATION SPEC					
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE SPECIFICATIONS		SEE SPECIFICATIONS		A2	00779	C-5-1437571-7	-
CUSTOMER DRAWING				SCALE	4:1	SHEET	1 OF 1
				REV	B		