



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!



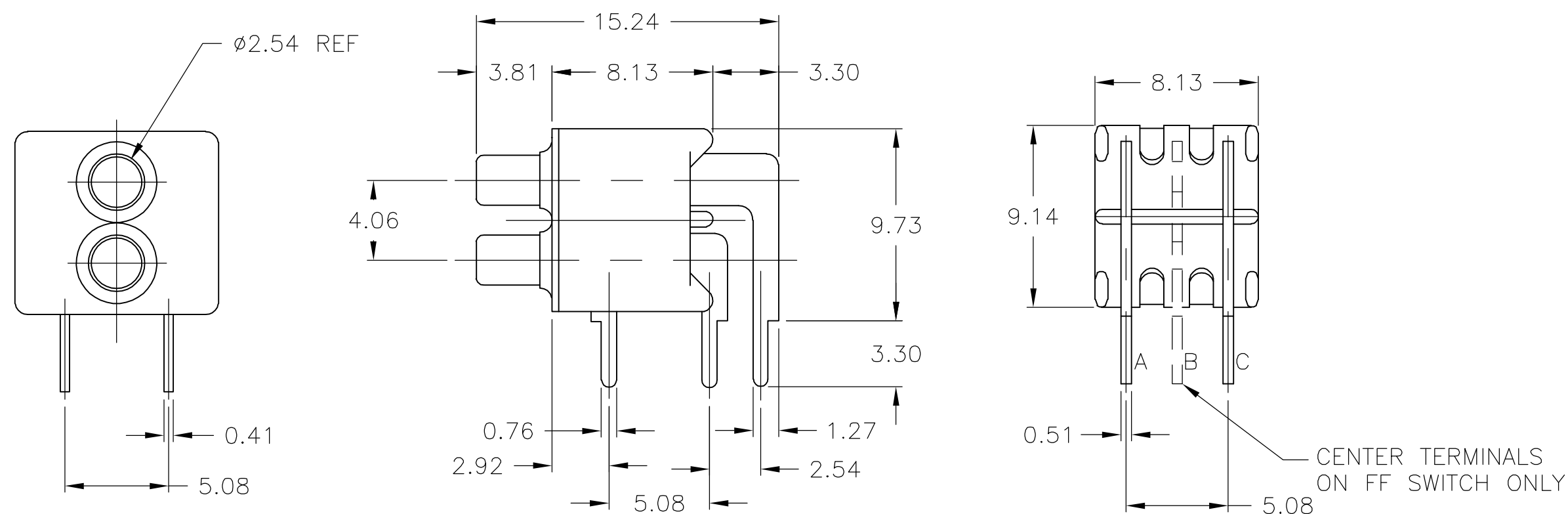
Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





SPECIFICATIONS:

MATERIALS:

CASE: HIGH TEMPERATURE POLYESTER

ACTUATOR BUTTON: POLYAMIDE, COLOR: SEE CHART BELOW

MOVING CONTACT: COPPER ALLOY, GOLD OVER NICKEL PLATE

FIXED CONTACT/TERMINAL: COPPER ALLOY, TIN/LEAD PLATE

TERMINAL SEAL: EPOXY

ELECTRICAL:

CONTACT RATING: 0.4 VA MAX. @20 VDC OR PEAK AC

INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.

INSULATION RESISTANCE: 1000 MEGOHMS @ 500 VDC MIN.

DIELECTRIC STRENGTH: 1000 VOLTS RMS @ SEA LEVEL

LIFE EXPECTANCY: 80,000 CYCLES

MECHANICAL:

ACTUATION FORCE: 26Kg.

ACTUATION TRAVEL: .030".

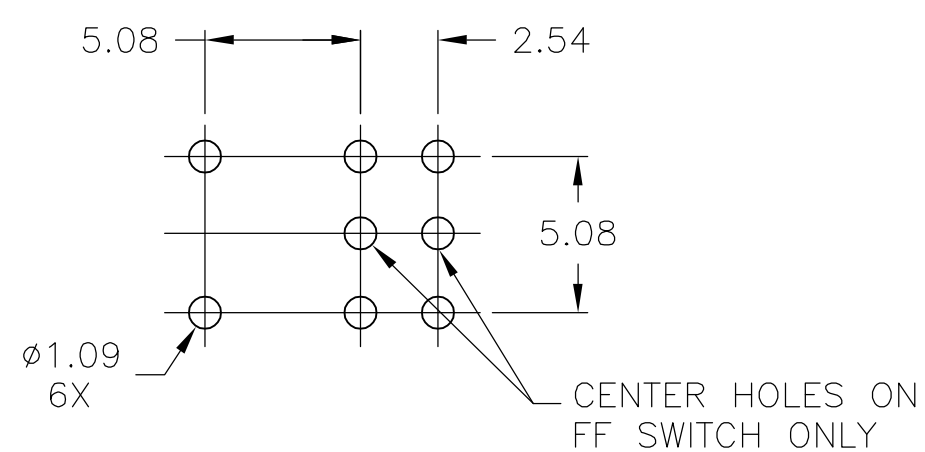
ENVIRONMENTAL:

OPERATING TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)

STORAGE TEMPERATURE: -22°F TO $+149^{\circ}\text{F}$ (-30°C TO $+65^{\circ}\text{C}$)

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1982



RECOMMENDED HOLE LAYOUT
TOLERANCE ± 0.05 UNLESS
OTHERWISE NOTED

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

AUGAT D/N 40295-SD

B TO C (MOM.)	B TO A	2XSPDT MOMENTARY	TP21FFG—RA (*)
A TO C	NONE	2XSPST NORMALLY OPEN	TP21CCG—RA (*)
DEPRESSED BUTTON	FREE BUTTON	ACTION	MODEL NO.
CONTACTS			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. KIRCORIAN		30SEP96		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		NAME	
		0 PLC ± -		PRODUCT SPEC		PUSH BUTTON SWITCH RIGHT ANGLE, 2 x SINGLE POLE (TPA21**GRA* SERIES)	
		1 PLC ± -		—			
		2 PLC ± -		APPLICATION SPEC			
		3 PLC ± .010		—			
4 PLC ± -		4 ANGLES ± ± -		SIZE		CAGE CODE	DRAWING NO
MATERIAL		FINISH		WEIGHT		RESTRICTED TO	
SEE SPECIFICATIONS		SEE SPECIFICATIONS		—		A2 00779 C-4-1437571-1	
CUSTOMER DRAWING						SCALE	1 OF 1
						4:1	REV B