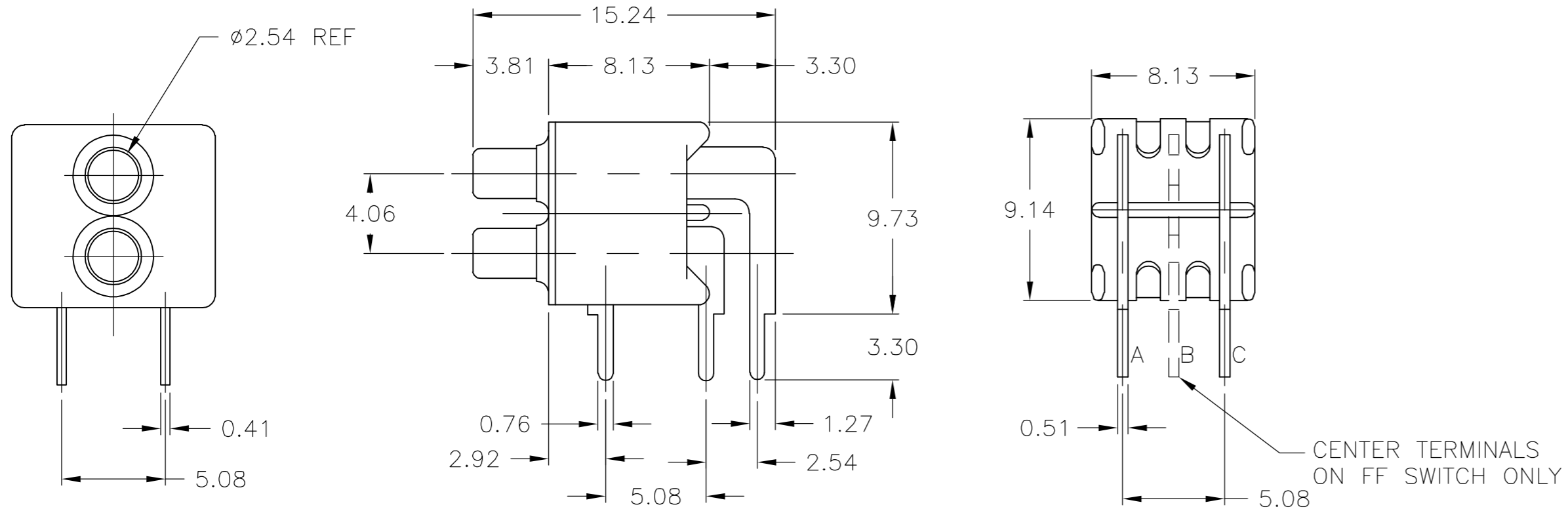


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Loc		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
B		ECO 06 000585		07AUG06	BSV	MZ	



**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:**

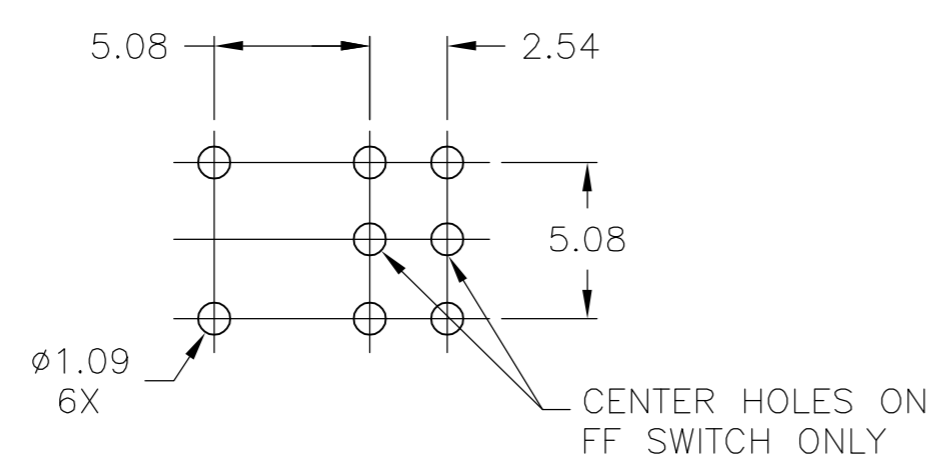
ACTUATION FORCE: 26Kg.  
 ACTUATION TRAVEL: .030"

**ENVIRONMENTAL:**

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

**NOTES:**

- INTERPRET DRAWING PER ASME Y14.5M-1982



(*)	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	
CONTACTS		MODEL NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. KIRCORIAN	30SEP96	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK -	APVD -	NAME	
	0 PLC $\pm$ -	PRODUCT SPEC -	APPLICATION SPEC -	PUSH BUTTON SWITCH RIGHT ANGLE, 2 x SINGLE POLE (TPA21**GRA* SERIES)	
	1 PLC $\pm$ -	WEIGHT -	SCALE 4:1	SHEET 1 OF 1	REV B
	2 PLC $\pm$ -	CUSTOMER DRAWING		RESTRICTED TO	
	3 PLC $\pm$ .010	A2 00779 C=4-1437571-1		-	
	4 PLC $\pm$ -	SCALE 4:1		SHEET 1 OF 1	
	ANGLES $\pm$ -	SCALE 4:1		SHEET 1 OF 1	
MATERIAL SEE SPECIFICATIONS	FINISH SEE SPECIFICATIONS	SCALE 4:1		SHEET 1 OF 1	

4-1437571-1