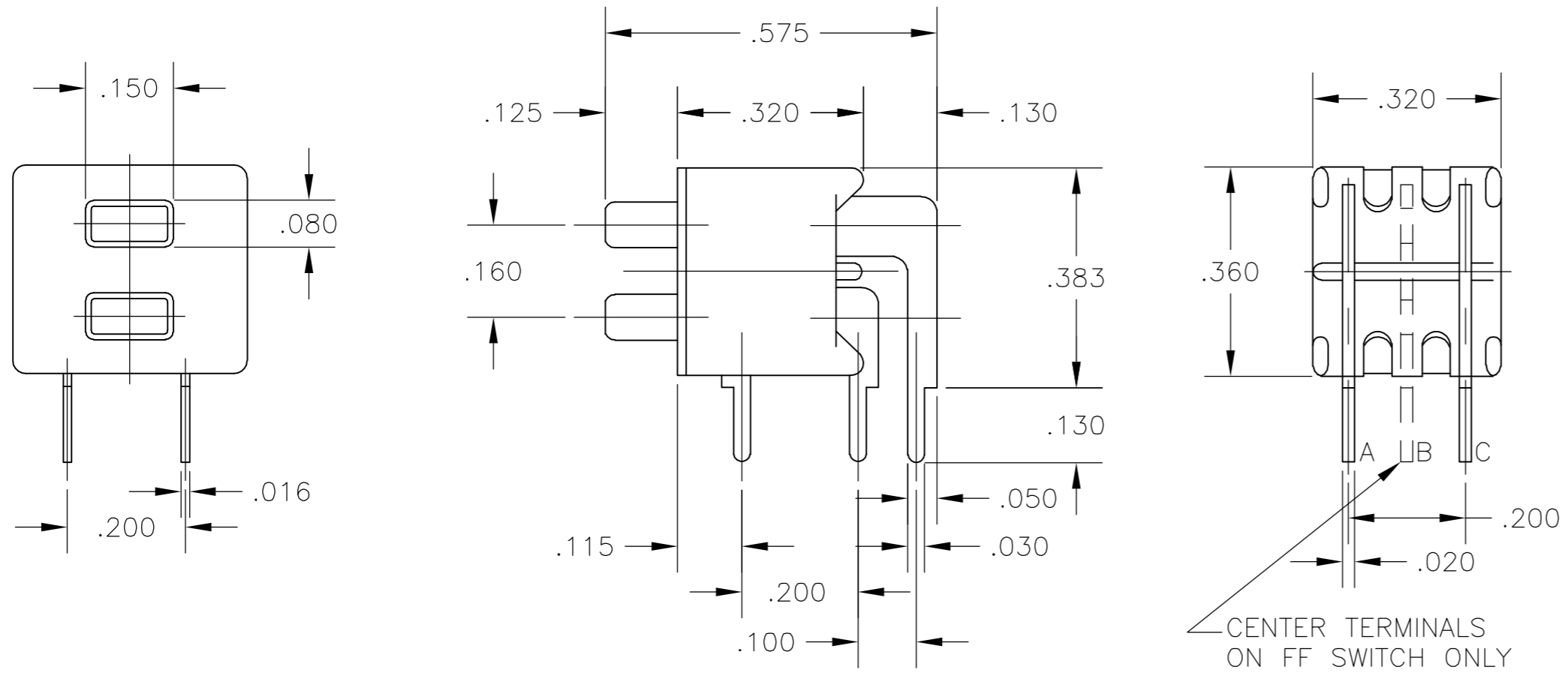


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LOC		DIST		REVISIONS			
AD	OO	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		ECO 06 000585	03AUG06	BSV	MZ



SPECIFICATIONS:

MATERIALS:
 CASE: HIGH TEMPERATURE POLYESTER
 ACTUATOR: POLYAMIDE
 CONTACT: GOLD OVER NICKEL BARRIER
 TERMINAL: COPPER ALLOY, TIN/LEAD PLATE

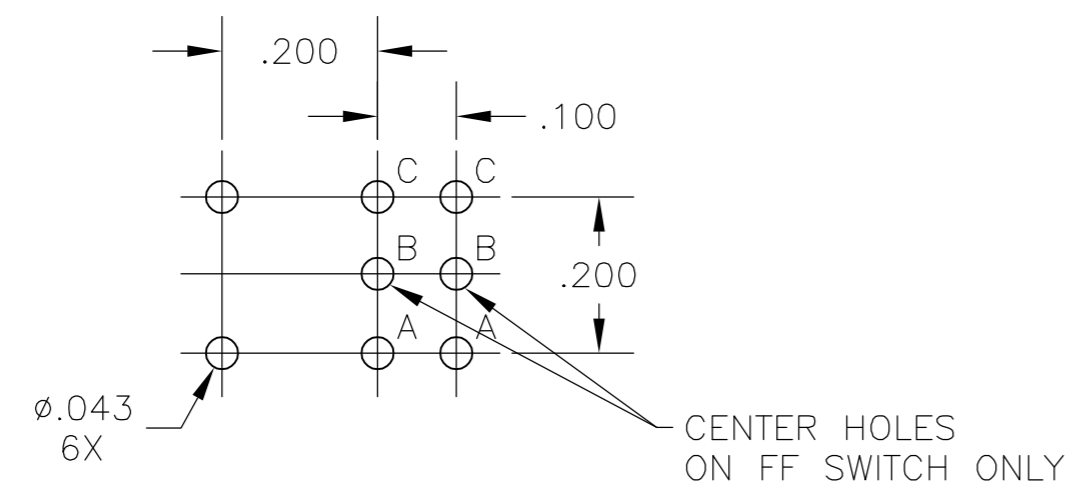
ELECTRICAL:
 CONTACT RATING: 0.4 VA MAX. @20 VDC OR PEAK AC
 INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
 INSULATION RESISTANCE: 1000 MEGOHMS @ 500 VDC MIN.
 DIELECTRIC STRENGTH: 1000 VOLTS RMS @ SEA LEVEL
 LIFE EXPECTANCY: 50,000 CYCLES MIN

MECHANICAL:
 ACTUATION FORCE: 50 TO 400 GRAMS AVERAGE

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 ASME Y14.5M-1994
2. TERMINALS ARE EPOXY SEALED.



RECOMMENDED HOLE LAYOUT
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED

(*) SPECIFY BUTTON COLOR -
 (0) = BLACK
 (2) = RED
 (6) = BLUE

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	TRU-D	11SEP96	tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		CHK	-	-		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-	-	PRODUCT SPEC		
0 PLC ± -		APPLICATION SPEC		-	PUSH BUTTON SWITCH RIGHT ANGLE, (TP21**GRA* SERIES)		
1 PLC ± -		WEIGHT		-	SIZE	CAGE CODE	DRAWING NO
2 PLC ± -		CUSTOMER DRAWING		-	A2	00779	C=1-1437571-8
3 PLC ± .010		SCALE		4:1	SHEET		1 OF 1
4 PLC ± -		REV		A	RESTRICTED TO		-
ANGLES ± -		FINISH		-			
MATERIAL SEE SPECIFICATIONS							

1-1437571-8