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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	ECO 06 000585	03AUG06	BSV	MZ

D

D

C

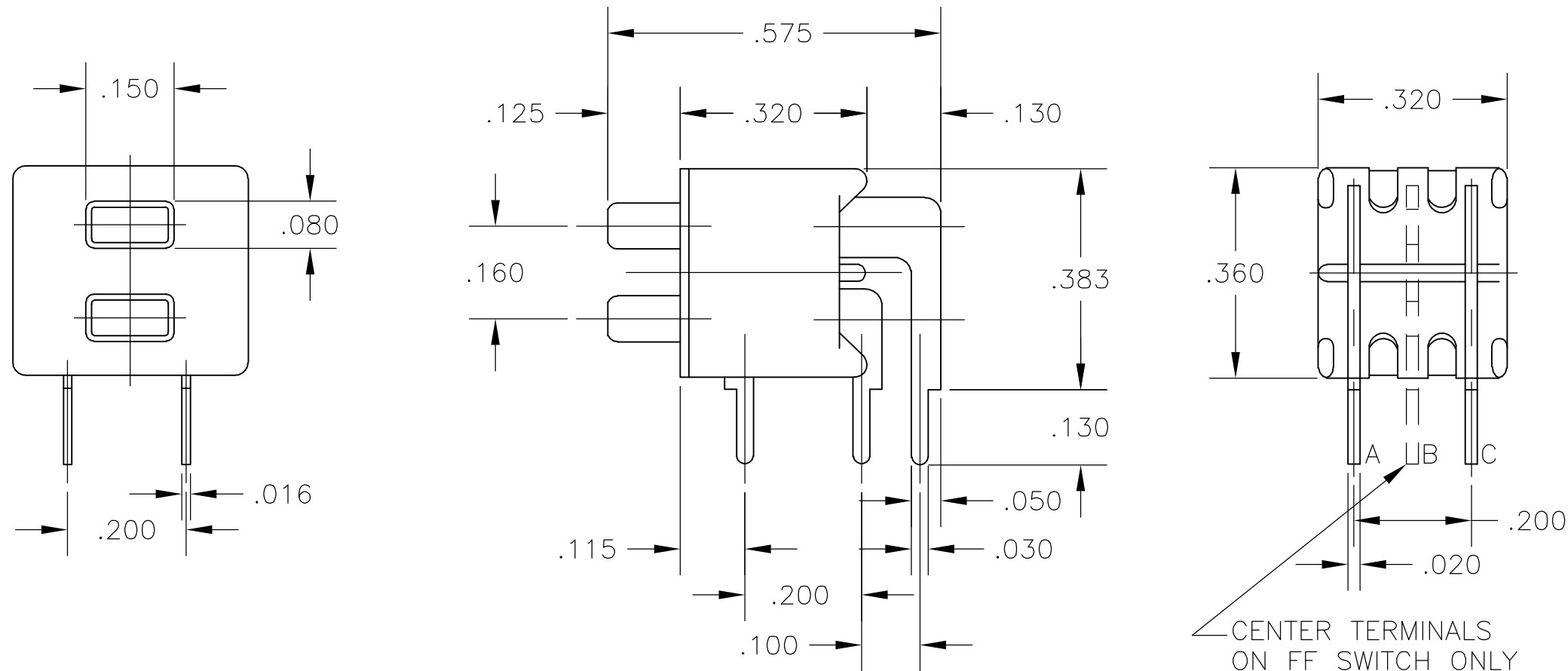
C

B

B

A

A



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:

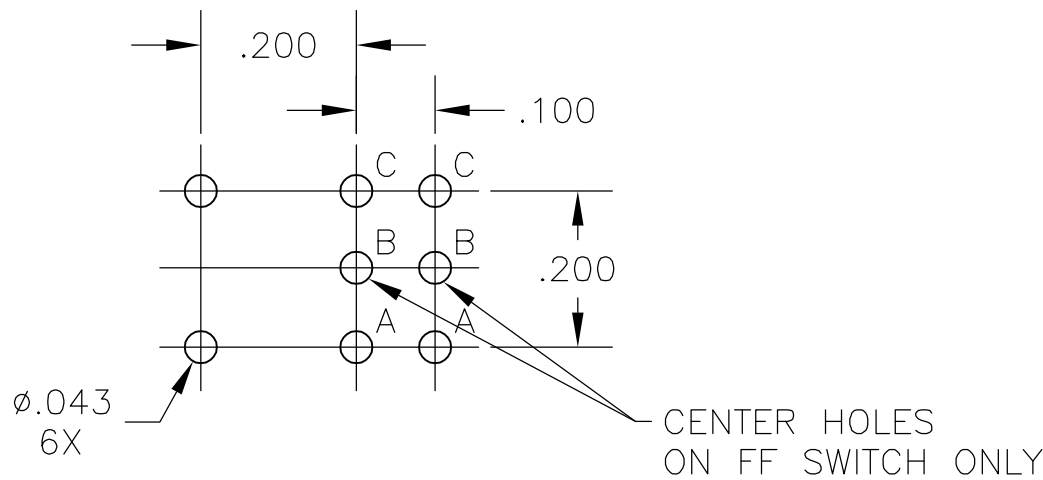
ACTUATION FORCE: 50 TO 400 GRAMS AVERAGE

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:

- INTERPRET DRAWING PER ASME Y14.5M-1994
- TERMINALS ARE EPOXY SEALED.



RECOMMENDED HOLE LAYOUT
TOLERANCE $\pm .002$ 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 PUSH BUTTON SWITCH RIGHT ANGLE, (TP21**GRA* SERIES)			
		APVD —	—				
		PRODUCT SPEC —					
		APPLICATION SPEC —					
MATERIAL SEE SPECIFICATIONS		FINISH —	WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C-1-1437571-8	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 4:1		SHEET 1 of 1		REV A

1-1437571-8