

SPECIFICATIONS:

MATERIALS:

CASE: HIGH TEMPERATURE POLYESTER, UL 94V-0

ACTUATOR BUTTON: THERMOPLASTIC, COLORS: SEE CHART BELOW

MOVING CONTACT: COPPER ALLOY, GOLD PLATED OVER NICKEL

FIXED CONTACT: COPPER ALLOY, GOLD PLATED OVER NICKEL

TERMINALS: COPPER ALLOY, TIN LEAD PLATED

TERMINAL SEAL: SP EPOXY

DP EPOXY OPTIONAL

ELECTRICAL:

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

INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.

INSULATION RESISTANCE: 1,000 MEGOHMS @500VDC MIN

DIELECTRIC STRENGTH: 1,000VAC @SEA LEVEL

LIFE EXPECTANCY: GOLD: 1 POLE = 100,000 CYCLES

2 POLES = 80,000 CYCLES

MECHANICAL:

ACTUATION FORCE: 50 TO 400g

ACTUATION TRAVEL: .030 APPROX.

ENVIRONMENTAL:

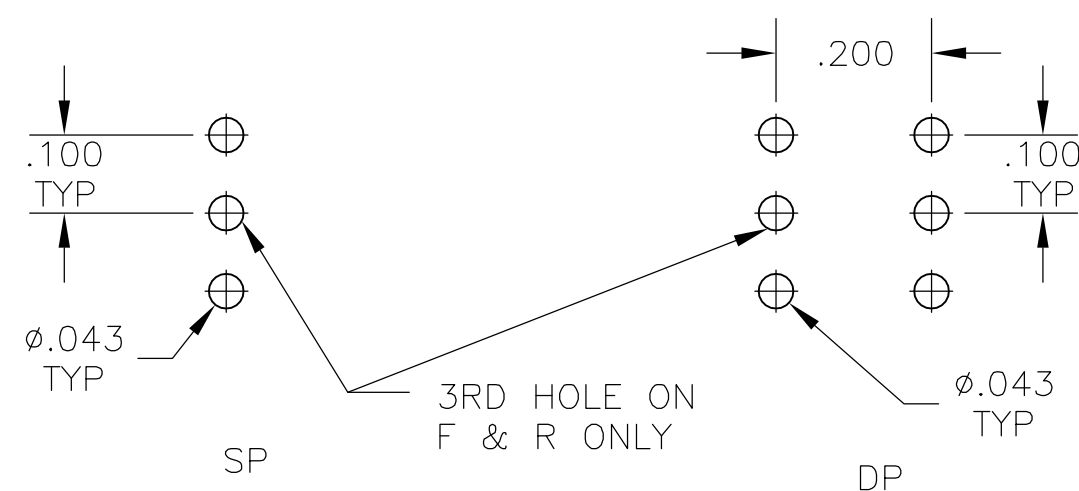
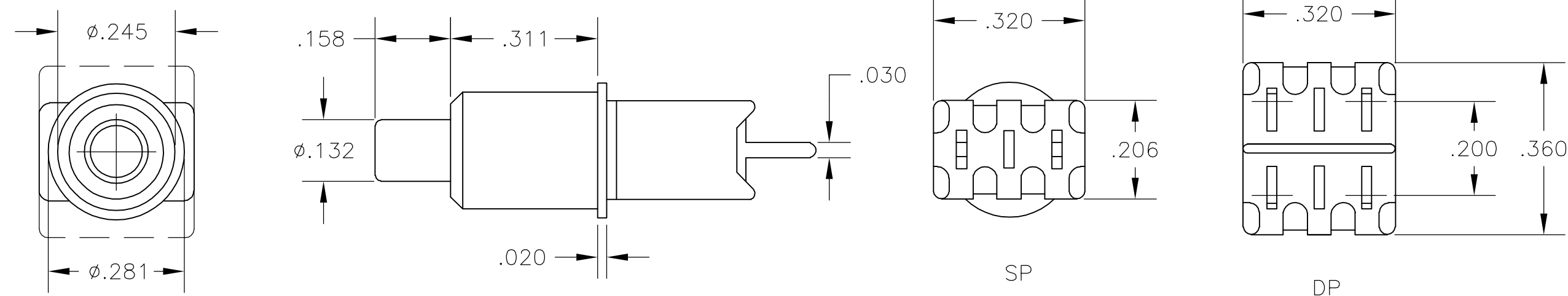
OPERATING TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)

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

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994

 SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE.





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

(*)	BUTTON COLOR
0	BLACK
2	RED
6	BLUE

AUGAT D/N 40144-SD

DPDT MOMENTARY	TPD21RG-PC(*)
DPST NORMALLY OPEN	TPD21MG-PC(*)
SPDT MOMENTARY	TPD11FG-PC(*)
SPST NORMALLY OPEN	TPD11CG-PC(*)
ACTION	MODEL NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.BUCKHEIT 30MAY78		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK R.E.SWEENEY 30MAY78		NAME <div>PUSH BUTTON SWITCH 1/4 BUSHING TPD11/21*G-PC(*)</div> <div>           SIZE A2           CAGE CODE 00779           DRAWING NO C-4-1437572-7           RESTRICTED TO —         </div>	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F.D.KRICHOFF 30MAY78			
		PRODUCT SPEC —			
MATERIAL SEE SPECIFICATIONS		APPLICATION SPEC —			
FINISH SEE SPECIFICATIONS		WEIGHT —		CUSTOMER DRAWING	
				SCALE 4:1 SHEET 1 of 1 REV B	

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