

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:

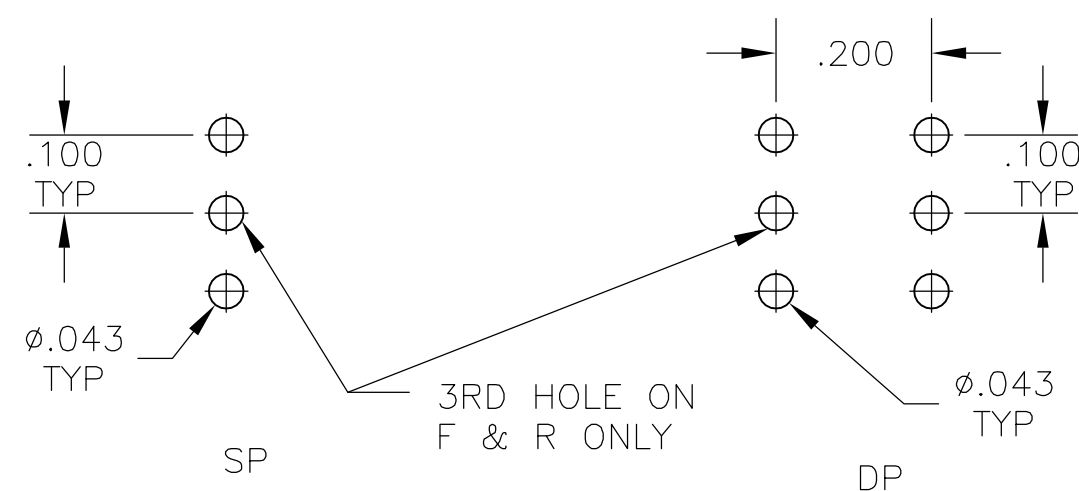
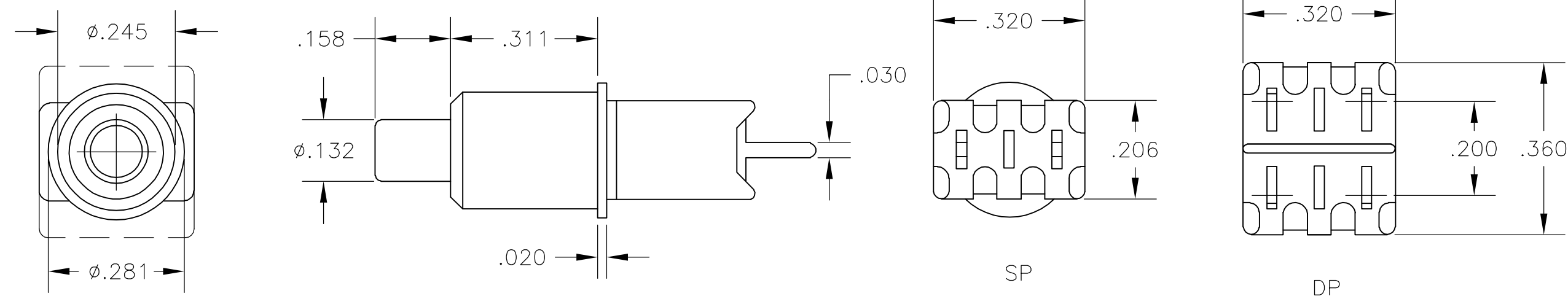
OPERATING TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C)

STORAGE TEMPERATURE: -22°F TO $+149^{\circ}\text{F}$ (-30°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		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± ± 1°		QHK R.E.SWEENEY 30MAY78	
		APVD F.D.KRICHOFF 30MAY78		NAME PUSH BUTTON SWITCH 1/4 BUSHING TPD11/21*G-PC(*)	
MATERIAL SEE SPECIFICATIONS		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		SIZE A2	CAGE CODE 00779
FINISH SEE SPECIFICATIONS		CUSTOMER DRAWING		DRAWING NO C-4-1437572-7	RESTRICTED TO -
				SCALE 4:1	SHEET 1 of 1
				REV B	

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[TPD11FGPC0](#)