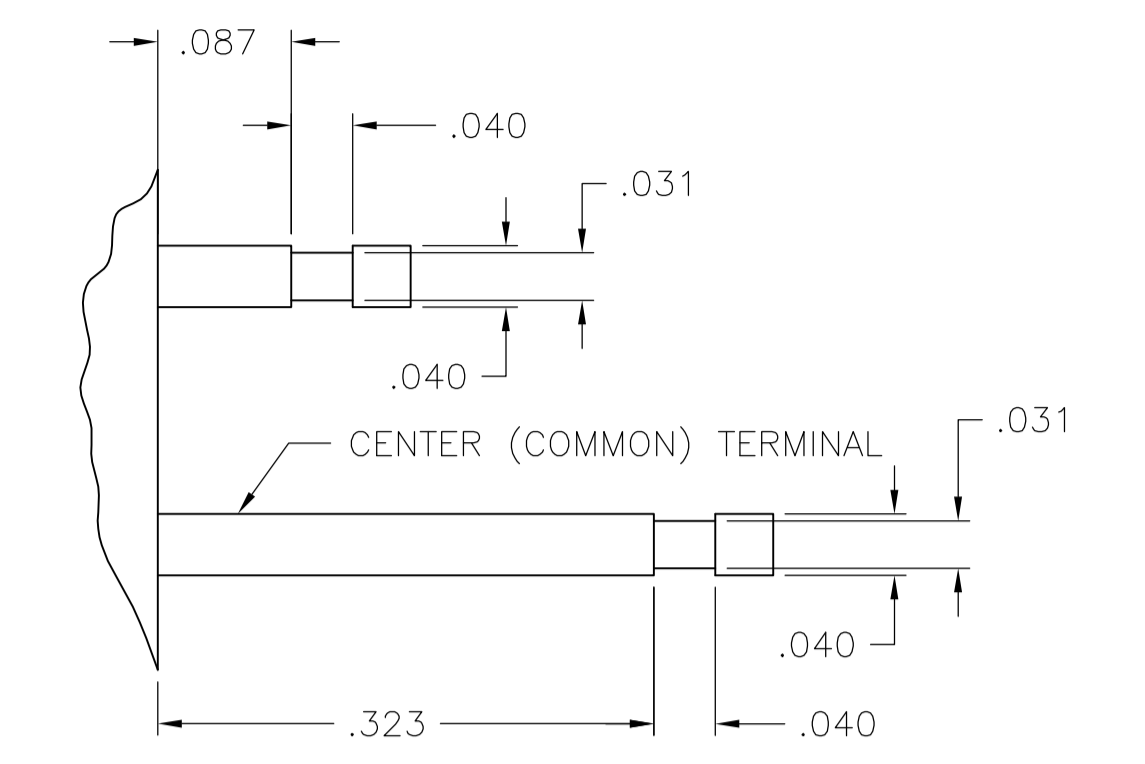


P.C MOUNTING DIMENSIONS



TYPICAL TERMINAL DETAIL

NOTES:

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002 /95/EC OF 27JAN2003(RoHS).
2. CONTACT TIMING IS NON-SORTING.

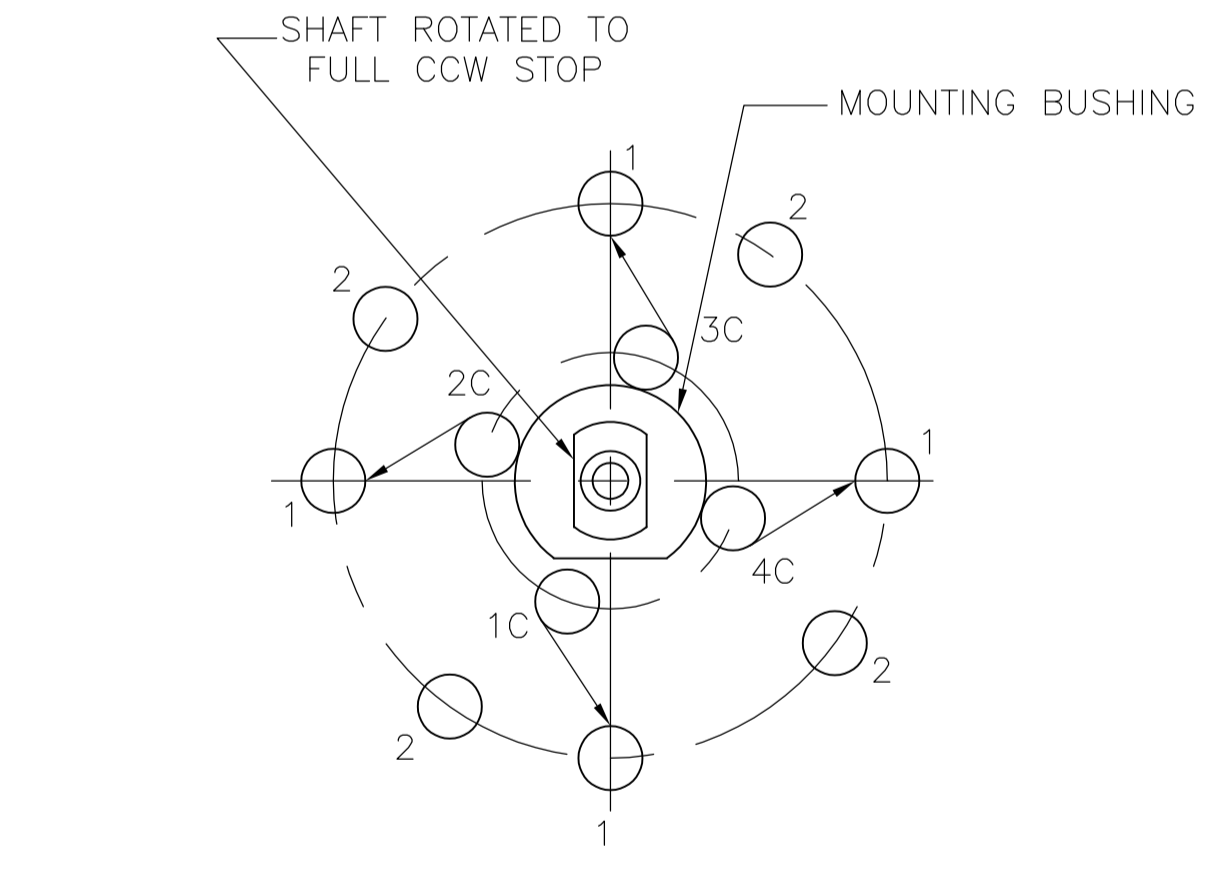
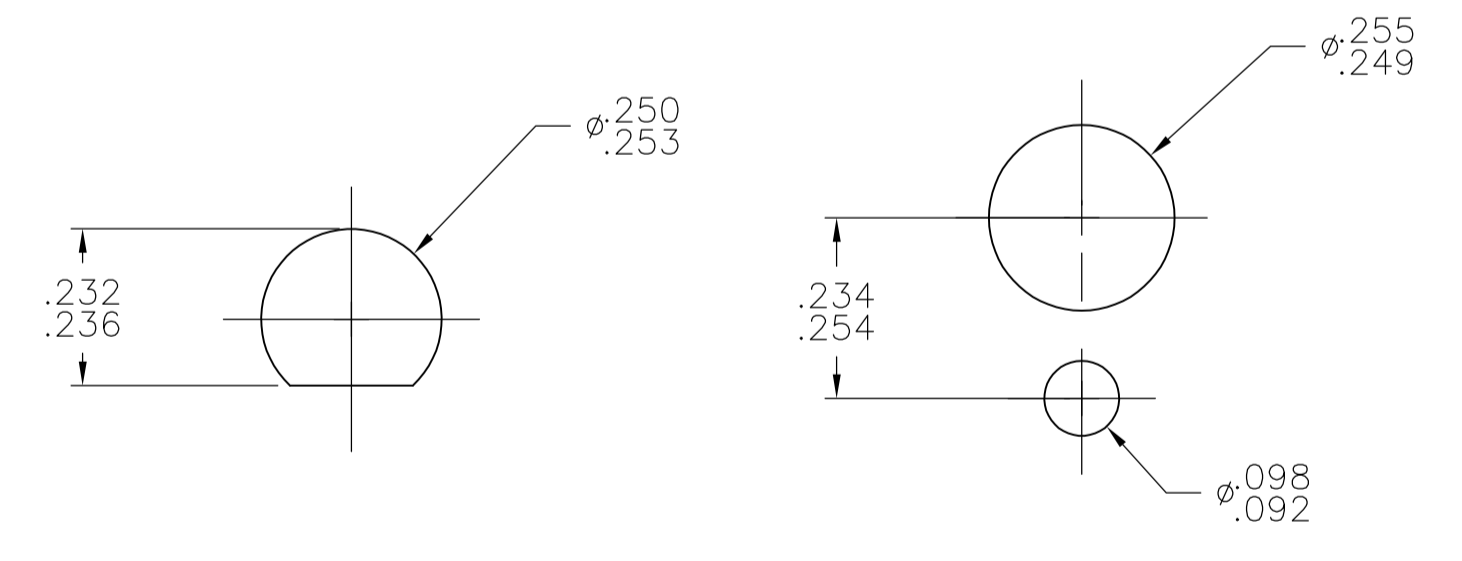


DIAGRAM LOOKING AT SHAFT END



RECOMMENDED PANEL CUTOUTS TO PREVENT ROTATION

COMPONENT NAME	MATERIALS	
	BASE MATERIAL	FINISH
KNOB	PHENOL RESIN, BLACK, UL94HB	
ROTOR	BRASS	NICKEL
ROTOR	EVOH RESIN, NATURAL, UL94HB	
CASE	DAP, GREEN, UL94V-0	
ACTUATOR TIP	POLYAMIDE, NATURAL, UL94HB	
FRAME	ALLUMINIUM	
MOUNTING SLEEVE	ZINC ALLOY	ZINC
SHAFT	BRASS	NICKEL
SCREW	BRASS	NICKEL
SPRING	MUSIC WIRE	OIL TREATED
CONTACT SPRING	MUSIC WIRE	OIL TREATED
COMMON	SILVER	
STOP RING	SPRING STEEL	ZINC
STOPPER	STEEL	ZINC
HEX.NUT	BRASS	NICKEL
LOCATING RING	STEEL	ZINC
LOCK WASHER	STEEL	ZINC
MOVABLE CONTACT ARM	SILVER	GOLD
COMMON TERMINAL	BRASS	GOLD
CONTACTS	AgCuZn ALLOY	GOLD OVER NICKEL
STEEL BALL	STEEL	
LABEL	TETRON FILM	

SPECIFICATIONS	
RATING	.5A @ 125VAC OR 28VDC, RESISTIVE
INITIAL CONTACT RESISTANCE	10 milliohms MAX @ 1A, 2-4 VDC
INITIAL INSULATION RESISTANCE	100 megaohms min, TERMINAL TO TERMINAL, TERMINAL TO FRAME
INITIAL DIELECTRIC WITHSTANDING VOLTAGE	1000 VAC, (50-60HZ) FOR 1 min BETWEEN TERMINAL AND GROUND
DURABILITY	10,000 cycles min AT RATED CURRENT, 5-10 cycles PER min
OPERATING FORCE	14 IN OZ MAX. TORQUE

MRC4204	1825501-1
ALCO P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT. **TYCO ELECTRONICS** Tyco Electronics Corporation, Harrisburg, Pa 17105-3608

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME
0. PLC ± .01	1. PLC ± .02		PRODUCT SPEC
2. PLC ± .02	3. PLC ± .010		APPLICATION SPEC
4. PLC ± .010	ANGLES ± .5°		
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
			A1 00779 1825501
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1 REV A1