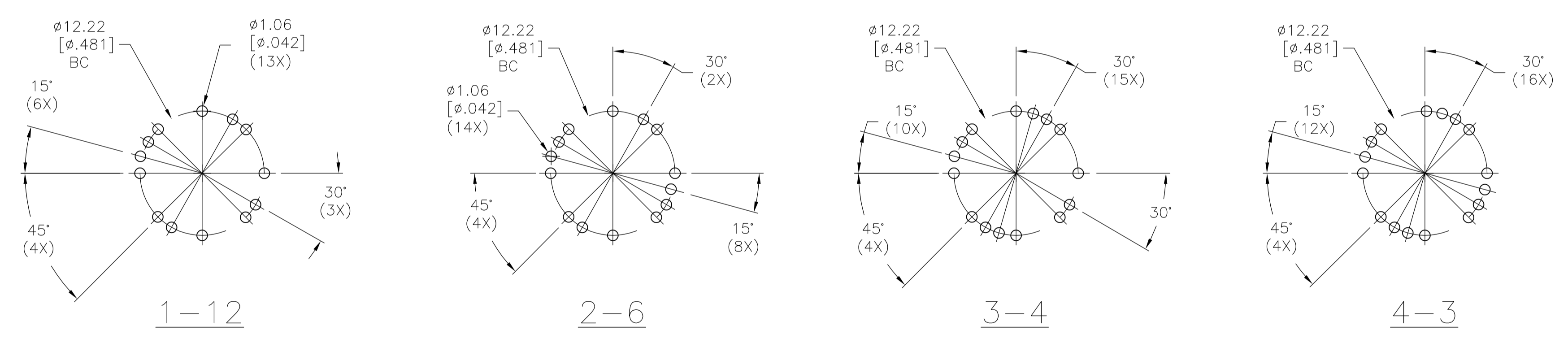


SPECIFICATIONS	
RATING	.4VA MAX. @ 20VDC, OR PEAK AC
TIMING	BREAK BEFORE MAKE
INITIAL CONTACT RESISTANCE	30 MILLIOHMS MAX
INSULATION RESISTANCE	10,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 VRMS AT SEA LEVEL
DURABILITY	10,000 CYCLES @ .4VA RESISTIVE
	30,000 CYCLES @ .1μA 12VDC RESISTIVE
OPERATING FORCE	14 INCH OUNCES
OPERATING TEMPERATURE	-20°C TO +70°C
STORAGE TEMPERATURE	-20°C TO +70°C



RECOMMENDED PCB HOLE LAYOUTS (VIEWED FROM SHAFT END)  
 TOLERANCE ±.002. UNLESS OTHERWISE NOTED.

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
3. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:  
 (1) EXTERNAL STOPWASHER EXCEPT FOR MRJ11204 WHICH HAS  
 (2) STOPWASHERS.  
 (2) HEX NUTS.  
 (1) LOCATING RING FOR ANTIROTATION.  
 (1) INTERNAL TOOTH LOCKWASHER.

MATERIALS		
COMPONENT NAME	BASE MATERIAL	FINISH
BASE	EPOXY	-
FIXED CONTACT	BRASS	GOLD OVER NICKEL
TERMINAL	BRASS	TIN OVER NICKEL
MOVEABLE CONTACT	PHOSPHOR BRONZE	GOLD OVER NICKEL
ROTOR	PBT	-
BALL	STEEL	-
SPRING	PIANO WIRE	-
STOPPER	STEEL	ZINC
BUSHING	ZINC	NICKEL
SHAFT	BRASS	NICKEL
LOCATING RING	STEEL	ZINC
HEX NUT	BRASS	NICKEL
INTERNAL TOOTH LOCKWASHER	STEEL	ZINC

2-3 ADJUSTABLE	4	MRJ4304	1825535-4
2-4 ADJUSTABLE	3	MRJ3404	1825535-3
2-6 ADJUSTABLE	2	MRJ2604	1825535-2
2-12 ADJUSTABLE	1	MRJ11204	1825535-1
POSITIONS	POLES	ALCO P/N	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV B ED		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: MINIATURE ROTARY SWITCH 12 POS.-30° DETENT (MRJ SERIES)	
0 PLC ± -		1 PLC ± -		PRODUCT SPEC	
1 PLC ± .01		2 PLC ± .01		APPLICATION SPEC	
3 PLC ± .005		4 PLC ± .005		SIZE: A1	
ANGLES ± 1°		FINISH: SEE SPECIFICATIONS		CAGE CODE: 00779	
MATERIAL: SEE SPECIFICATIONS		WEIGHT: -		DRAWING NO: 1825535	
CUSTOMER DRAWING		SCALE: 3:1		SHEET: 1 OF 1	