

D

C

B

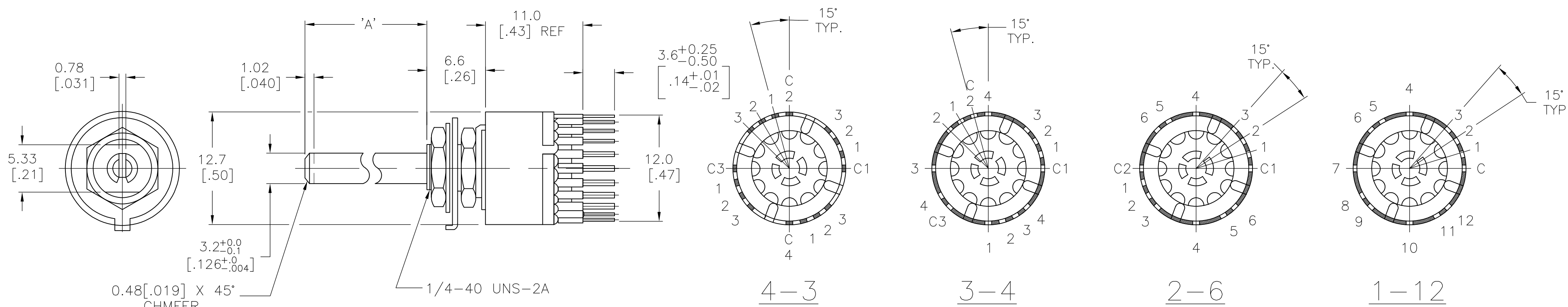
A

D

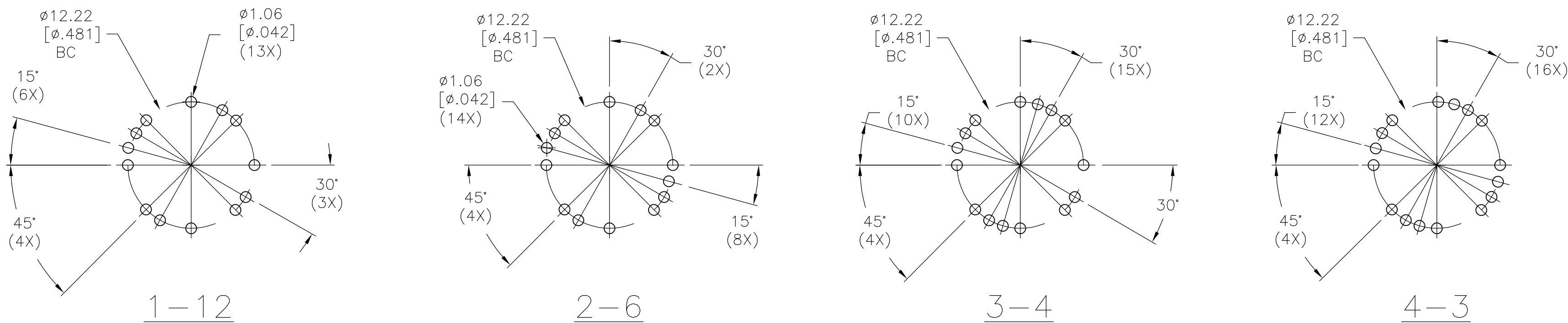
C

B

A



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:
(2) HEX NUTS.
(1) LOCKING 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
LOCKING RING	STEEL	ZINC
HEX NUT	BRASS	NICKEL
INTERNAL TOOTH LOCKWASHER	STEEL	ZINC

9 [.35]	3~4 ADJUSTABLE	3	MRJ34904	1825535-5
19 [.75]	4~3 ADJUSTABLE	4	MRJ4304	1825535-4
19 [.75]	3~4 ADJUSTABLE	3	MRJ3404	1825535-3
19 [.75]	2~6 ADJUSTABLE	2	MRJ2604	1825535-2
19 [.75]	1~12 ADJUSTABLE	1	MRJ11204	1825535-1
"A" SHAFT LENGTH	POSITIONS	NO. OF POLES	ALCO P/N	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
CHK
APPV

REV B ED

04MAY83

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± —
1 PLC ± 5.08 [2]
2 PLC ± 2.54 [1]
3 PLC ± —
4 PLC ± —
ANGLES ± ± 1°

MATERIAL
SEE SPECIFICATIONS

FINISH
SEE SPECIFICATIONS

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

MINIATURE ROTARY SWITCH
12 POS.-30° DETENT
(MRJ SERIES)

SIZE
A1

CAGE CODE
00779

DRAWING NO.
1825535

RESTRICTED TO

TE Connectivity

SCALE 3:1

SHEET 1 OF 1

REV A4

Mouser Electronics

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