

C4 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

38.1 mm DIAMETER 0.5 AMP @ 28 VDC

The C4 Series provides a versatile, fully enclosed design, that helps keep dirt and moisture out of the contact area while locking in life time lubricants.



SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load 0.5 amp @ 28 VDC; 0.3 amp @ 125 VAC.

Current Carrying Capacity: 15 amps.

Dielectric Strength: 1,000 VAC between current carrying parts and ground.

Contact Resistance: Average initial 3 milliohms.

Insulation Resistance: In excess of 10,000 megohms.

Hardware: Mounting nut and lockwasher are shipped assembled.

MECHANICAL

Materials and Finishes: All parts utilize non-corrosive materials as standard.

Terminals and Contacts: Brass with silver plate as standard.

Insulation: Diallyl phthalate.

Index: Dual-ball, hill and valley.

Index Life: 25,000 cycles minimum.

Index Torque: Switches have lowest practical torque consistent with crisp detenting and smooth, reliable operation.

Index Angles: 30° standard, 36°, 45°, 60°, and 90° available.

Index Stops: Fixed standard, adjustable or continuous available.

Stop Strength: 2.82 Nm minimum.

STANDARD PART NUMBER

SOLDER LUG - ADJUSTABLE STOPS

SWITCHES - 30° INDEXING - STOPS SET @ 2 POS.

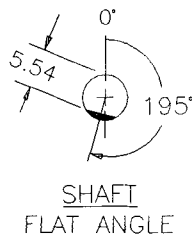
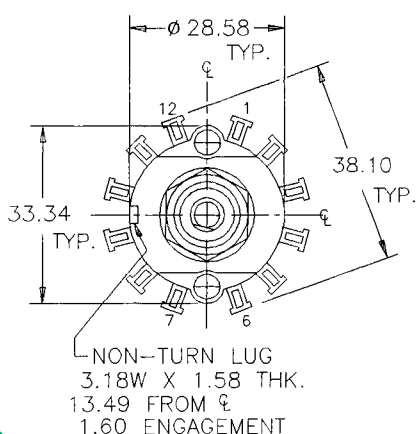
POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. ★
01	02-12	1	1	C4D0112S - A	C4D0112N - A	CA
02	02-06	2	1	C4D0206S - A	C4D0206N - A	CH
02	02-12	1	2	C4D0212S - A	C4D0212N - A	CA
03	02-12	1	3	C4D0312S - A	C4D0312N - A	CA
03	02-04	3	1	C4D0304S - A	C4D0304N - A	CK
04	02-12	1	4	C4D0412S - A	C4D0412N - A	CA
04	02-06	2	2	C4D0406S - A	C4D0406N - A	CH
05	02-12	1	5	C4D0512S - A	C4D0512N - A	CA

POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. ★
06	02-06	2	3	C4D0606S - A	C4D0606N - A	CH
06	02-04	3	2	C4D0604S - A	C4D0604N - A	CK
06	02-12	1	6	C4D0612S - A	C4D0612N - A	CA
08	02-06	2	4	C4D0806S - A	C4D0806N - A	CH
09	02-04	3	3	C4D0904S - A	C4D0904N - A	CK
10	02-06	2	5	C4D1006S - A	C4D1006N - A	CH
12	02-04	3	4	C4D1204S - A	C4D1204N - A	CK
15	02-04	3	5	C4D1504S - A	C4D1504N - A	CK

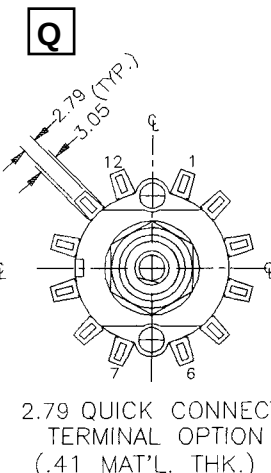
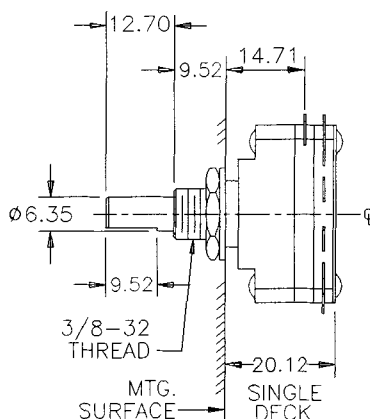
* FIGURES ARE SHOWN ON PAGE 55.

DIMENSIONS

C4D STANDARD CONSTRUCTION



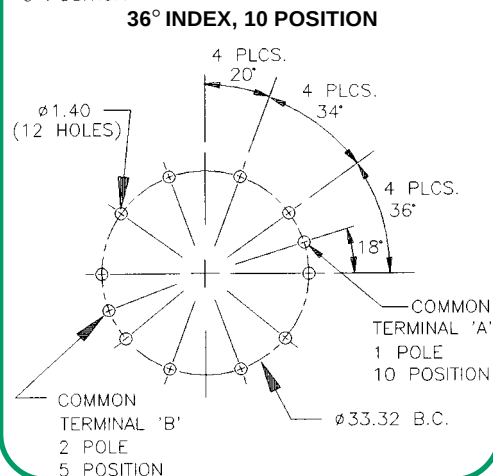
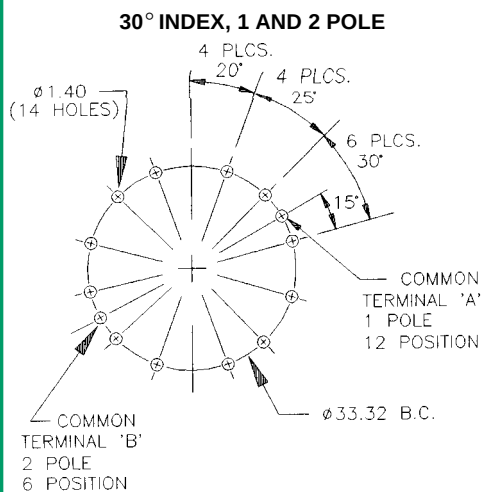
- NOTE:
- ONE DECK EQUALS TWO WAFERS.
 - ADD 7.21 FOR EACH ADDITIONAL DECK.



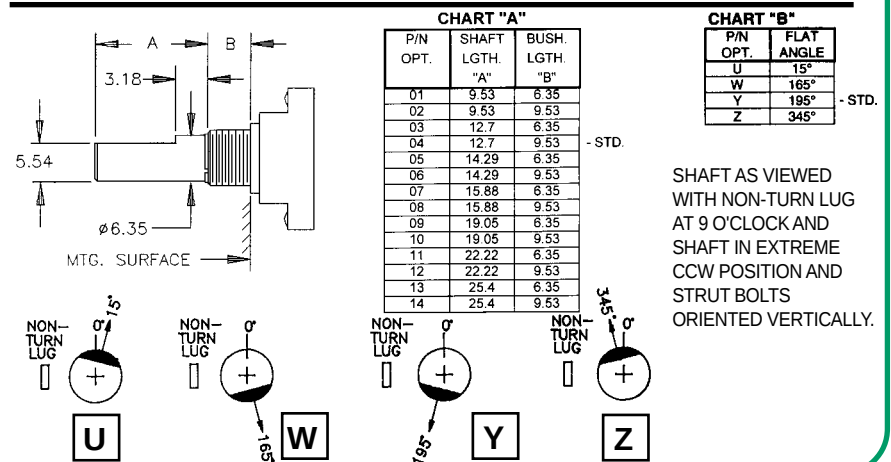
How to Order Additional Options:

2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	TERMINAL TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
C4	D - DIALLYL	01 - MIN.	12 - MAX @ 30° 10 - MAX @ 36° 08 - MAX @ 45° 06 - MAX @ 60° 04 - MAX @ 90°	S - SHORTING N - NON SHORTING	L - SOLDER LUG P - FRONT P.C. R - REAR P.C. (30° & 36° ONLY) Q - QUICK CONNECT	30° 36° 45° 60° 90°	F - FIXED A - ADJ. (30°, 60°, 90° ONLY) C - CONT.	SEE CHART "A"	SEE CHART "B"
CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS					ADDITIONAL OPTIONS				
C 4	D								
		(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)

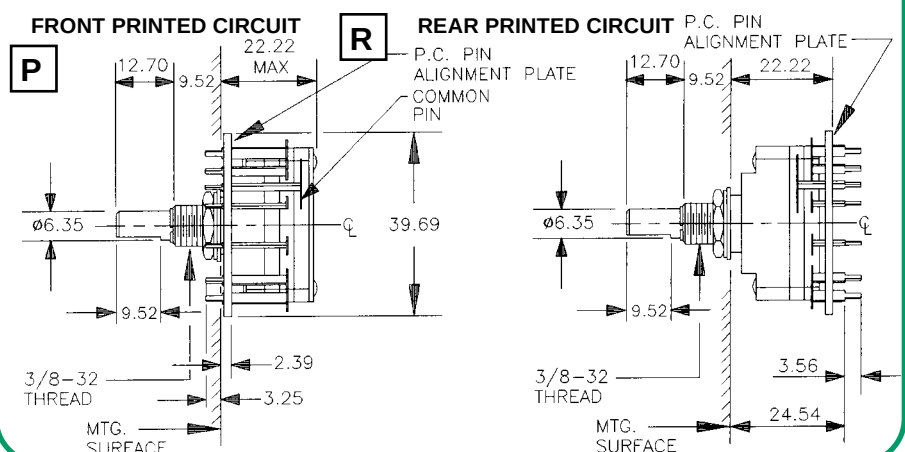
PRINTED CIRCUIT BOARD HOLE PATTERNS



SHAFT, BUSHING, AND FLAT OPTIONS



PRINTED CIRCUIT BOARD TERMINAL OPTIONS



CUSTOM SWITCHES ARE AVAILABLE. CONTACT THE FACTORY WITH YOUR COMPLETE SPECIFICATIONS.

Mouser Electronics

Authorized Distributor

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[C4D0205S-4282](#)