

The 4500 Series has a one-year warranty.

Specifications and Information Download the 4500 Series Data Sheet (PDF format) Solder and Cleaning Specification (PDF Format) Truth Table (PDF Format)

3500 Series

The 3500 series MICRO-DIP® is a low profile, fully sealed rotary DIP switch designed for use with today's automatic soldering and cleaning processes. Featuring direct decimal to binary conversion, the 3500 MICRO-DIP is a non-volatile means of addressing PROMs and other memory devices. The 3500 series offers six binary and decimal codes, with extended shaft and right angle orientations for maximum design flexibility. The 3500 series also includes the first rotary DIP switch designed specifically for SCSI bus control.

The 3500 series is covered by **EECO's EXCLUSIVE LIFETIME WARRANTY.**



2300 Series

An EECO innovation, the 2300 series MICRO-DIP® family includes the industry's only double pole rotary DIP switch. Ideal for CMOS logic applications, the 2300 series double pole switch offers a unique output arrangement in which all four outputs bits are always connected to one of two independent commons. This allows the use of a single pull-up resistor instead of four, as would be required by a conventional DIP switch. The 2300 series includes 10 and 16 position double pole models, and a 10 position right angle version. The double pole switches are available with optional process seals for wave soldering, and all are color coded for easy identification.

The 2300 series is series is covered by **EECO's EXCLUSIVE LIFETIME WARRANTY.**





3500 SERIES MICRO-DIP[®] PRINTED CIRCUIT BOARD SWITCHES

The 3500 Series MICRO-DIP[®] is a low profile, fully sealed rotary DIP switch designed for today's automated soldering and cleaning processes!

Featuring direct decimal to binary conversion, the 3500 Series Micro-DIP is a user friendly means of addressing PROM's or setting microprocessor controlled devices. The 3500 Series is offered in six binary and decimal codes, with extended shafts and right angle orientations for maximum design flexibility. The 3500 Series is covered by EECO's exclusive *Lifetime Warranty*. All 3500 Series products are Lead-Free and fully RoHS compliant.



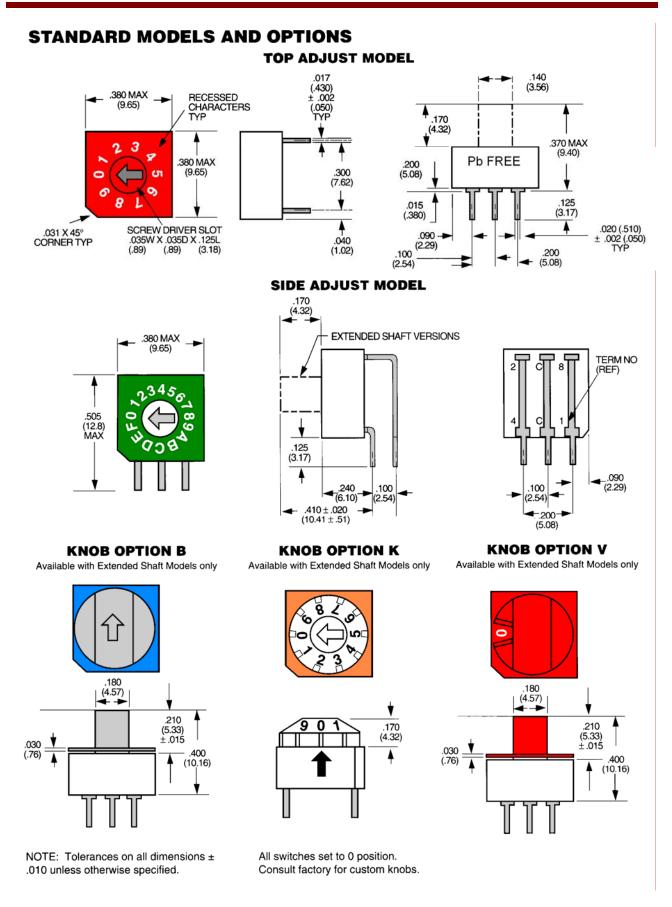
SPECIFICATIONS

MECHANICAL

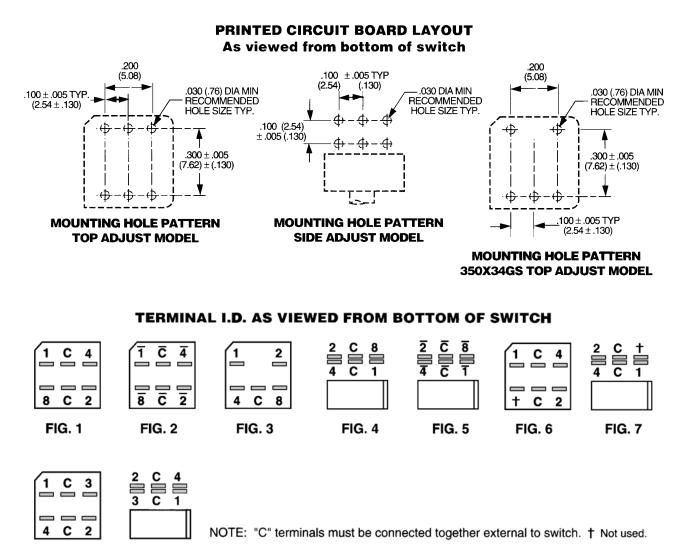
MECHANICAL						
	No. of Switching Positions	<u>8, 10 16</u>				
	Life	20,000 Detents at +25 ⁰ C				
	Rotational Torque (Initial)	1.0-4.5 Inch/Ounces				
	Terminal Strength	Pull 3 Pounds, Push 3 Pounds, for 15 Seconds				
ELECTRICAL						
	Minimum Switching Current	1μΑ				
	Minimum Switching Voltage	30 mVDC				
	Maximum Electrical Current, Non-Switching1AMaximum Rated Load, Switching100 mA at 28 VDC Resistive					
	Maximum Rated Load, Switching	100 mA at 28 VDC Resistive				
	Contact Resistance (Initial)	100 mΩ Maximum				
	Insulation Resistance	1,000 MΩ Minimum At 100 VDC				
	Dielectric Withstanding Voltage	250 VAC (RMS)				
ENVIRONMENTAL						
	Operating Temperature	-65 ⁰ C To +85 ⁰ C				
	Storage Temperature	-65 [°] C To +125 [°] C				
	Vibration	15g, 10 to 2,000 Hz, Method 204, Condition B of				
		Mil-Std 202				
	Moisture Resistance	Method 106, Mil-Std 202, 50 VDC Polarizing Voltage				
	Seal	Top: O-Ring Bottom: Epoxy				
	<u>Solderability</u>	Method 208 of Mil-Std 202, 95% Coverage				
	Solvent Resistance	Method 215 of Mil-Std 202				
	Humidity	Method 103B of Mil-Std 202, Test Condition A				
		50 VDC Polarizing Voltage				
MATERIALS						
		Glass Reinforced High Temperature 4/6 Nylon, UL 94 V0				
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MATERI

Housing and Base	Glass Reinforced High Temperature 4/6 Nylon, UL 94 V0
Rotor	Glass Reinforced 6/6 Nylon UL 94 V0
<u>O-Ring</u>	Silicon Rubber
Contact	Copper Alloy Base, Gold Over Nickel Plate
Terminal	Matte Tin With Whisker Inhibitors Over Nickel Plate
Weight	0.03 Oz (.86G)
Knobs	
Type B	ABS, UL 94 V0
Type K	Glass Reinforced Polyester, 94 V0
Type V	Glass Reinforced 6/6 Nylon, 94 V0



PCB DESIGN INFORMATION

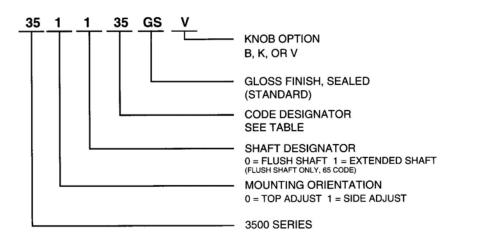


Refer to EECO Switch document "Soldering and Cleaning Specifications" for processing information.

RoHS COMPLIANCE

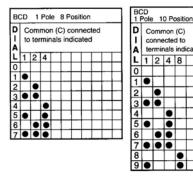
EECO Switch is fully committed to complying with the European Lead-Free and RoHS directives. All EECO 3500 Series switches marked with the "Pb-Free" logo on the body of the part are Lead-Free and RoHS compliant.

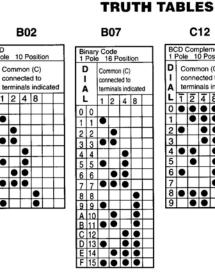
ORDERING INFORMATION



Code Number	Truth Table	Color Code	No. of Positions	Top Adjust	Side Adjust	Terminal I.D. Fig.
02	B02	Red	10	X		1
02	B02	Red	10		X	4
08	B01	Brown	8	X		6
08	B01	Brown	8		X	7
12	C12	Orange	10	X		2
12	C12	Orange	10		X	5
34	B07	Black	16	X		3
35	B07	Green	16	X		1
35	B07	Green	16		X	4
41	C16	Blue	16	X		2
41	C16	Blue	16		X	5
65	S24	Turguoise	10	X		8
65	S24	Turquoise	10		X	9

B01





B02

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D

BCD Complement Only 1 Pole 10 Position

Common (C)

connected to

terminals indicated

A terminals indic

C16

Binary Complement Only 1-Pole 16-Position

Common (C)

connected to

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