4800 SERIES
MICRO-DIP® SMT PRINTED CIRCUIT BOARD SWITCHES

The 4800 Series MICRO-DIP® is a true SURFACE MOUNT version of our popular MICRO-DIP family.

Like all EECO MICRO-DIPS, the ***4800 Series*** permits direct setting of binary-coded values for PROMs and other user-addressable devices. All materials used in the ***4800 Series*** were carefully selected to withstand the rigors of the surface-mount process, then engineered into an ultra low profile, fully sealed package. The compact dimensions of the ***4800 Series*** require minimal board space and permit closely stacked PCB designs. The ultra low profile design allows unrestricted heat flow during installation, eliminating the possibility of shadowing adjacent components. The ***4800 Series*** is covered by a one year warranty.

All ***4800 Series*** products are **Lead-Free** and **RoHS compliant**.

SPECIFICATIONS

MECHANICAL

No. of Switching Positions	10 16
Life (Electrical)	10,000 Detents Min at Rated Load
(Mechanical)	20,000 Detents Min. At No Load
Rotational Torque (Initial)	2.75 Inch/Ounce Max

ELECTRICAL

Minimum Rated Load	1µA At 1 mV, AC/DC
Maximum Rated Load, Switching	40 mA at 20 VDC
Contact Resistance (Initial)	100 mΩ Maximum At 10 mA, 2.0 VDC
Insulation Resistance	1,000 MΩ Minimum At 250 VDC
Dielectric Withstanding Voltage	250 VAC, 1 Minute

ENVIRONMENTAL

Operating Temperature	-30^0C To $+85^0$C
Storage Temperature	-45^0C To $+100^0$C
Seal	Full Process Seal

MATERIALS

Housing and Base	Polyphenylene Sulfide UL-94 V0
Rotor	46 Nylon UL-94V0
O-Ring	Silicon Rubber
Contact and Terminal	Beryllium Copper, Gold Over Nickel Plate
Detent	Stainless Steel

RoHS COMPLIANCE

EECO Switch is fully committed to complying with the European Lead-Free and RoHS directives. The 4800 Series is Lead-Free and RoHS compliant.

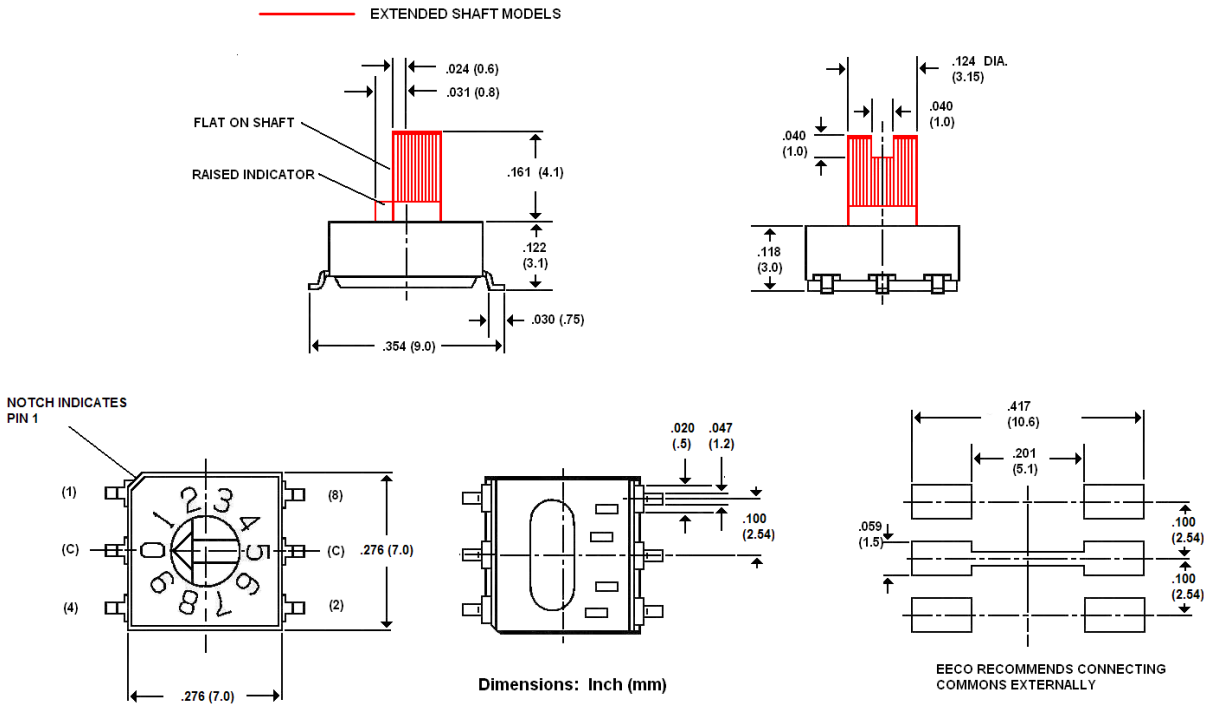
Refer to EECO Switch document “Soldering and Cleaning Specifications” for processing information

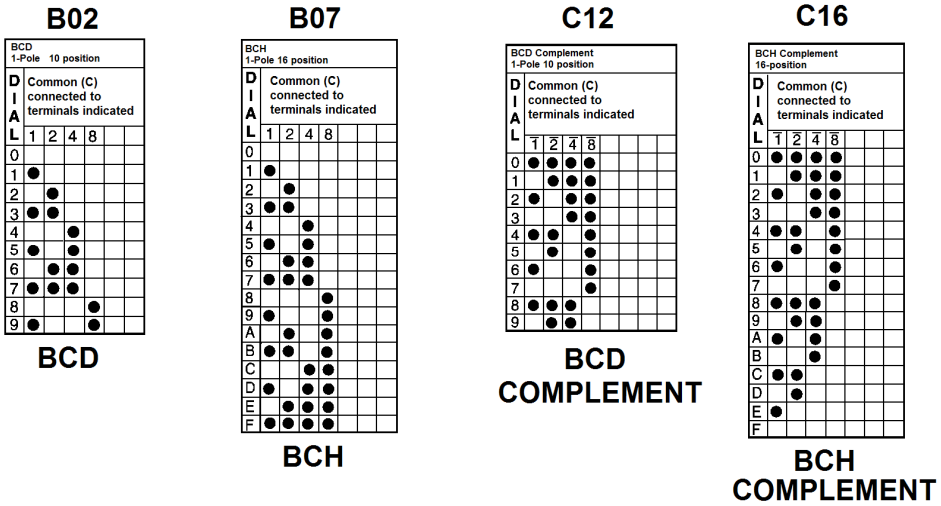
PART NUMBERS AND DIMENSIONS

4800 SERIES STANDARD SWITCHES

FLUSH SHAFT	EXTENDED SHAFT	ROTOR COLOR	CODE DESCRIPTION	NO. OF POSITIONS	TRUTH TABLE
480002G	480102G	Red	1 Pole BCD	10	B02
480012G	480112G	Orange	1 Pole BCD Complement	10	C12
480035G	480135G	Green	1 Pole BCH	16	B07
480041G	480141G	White	1 Pole BCH Complement	16	C16

Tape and Reel packaging available. Add "R" to part number to specify, ex. 480002GR.
Consult factory for additional ordering information and packaging details.





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