



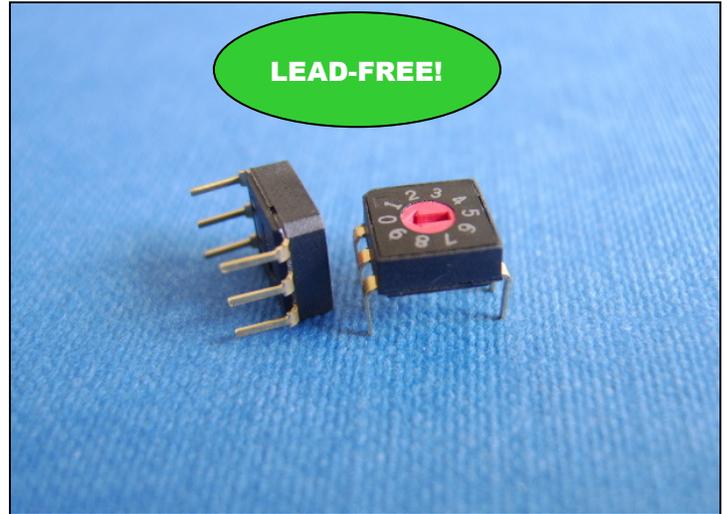
4600 SERIES

MICRO-DIP® PRINTED CIRCUIT BOARD SWITCHES

The 4600 Series MICRO-DIP® continues the EECO tradition of innovative switch design.

Like all EECO MICRO-DIPS, the 4600 Series permits direct setting of binary-coded values for PROMs and other user-addressable devices. The 4600 Series features high temperature materials carefully selected to withstand the rigors of today's auto mated soldering and cleaning processes. The 4600 Series is fully sealed, and the compact dimensions of the 4600 Series require minimal board space. The ultra low profile design permits unrestricted heat flow during installation, eliminating the possibility of shadowing adjacent components. The 4600 Series is covered by a one year warranty.

All 4600 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°C To +85°C
Storage Temperature	-45°C To +100°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 4600 Series is Lead-Free and RoHS compliant.

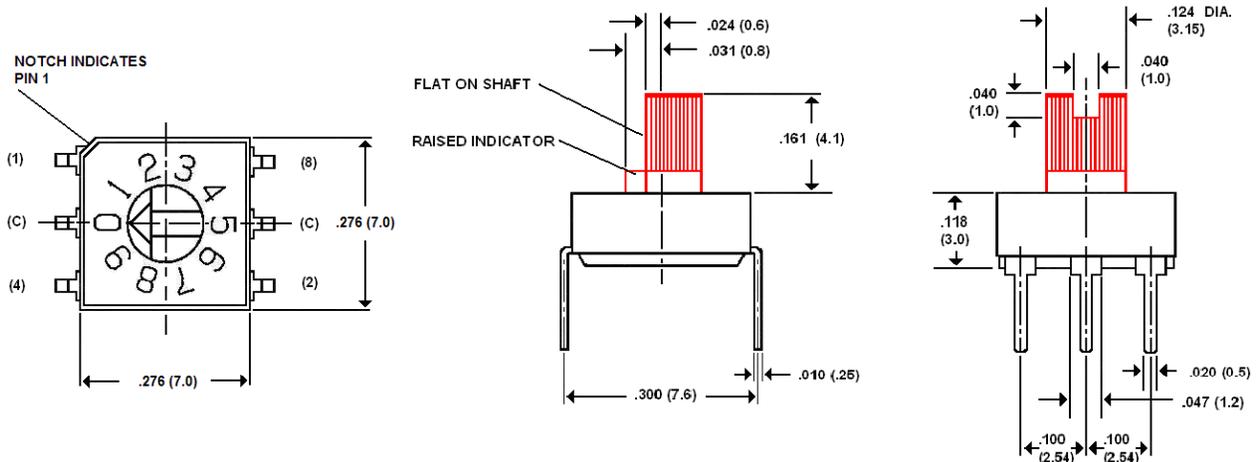
Refer to EECO Switch document "Soldering and Cleaning Specifications" for processing information

PART NUMBERS AND DIMENSIONS

4600 SERIES STANDARD SWITCHES

FLUSH SHAFT	EXTENDED SHAFT	ROTOR COLOR	CODE DESCRIPTION	NO. OF POSITIONS	TRUTH TABLE
460002G	460102G	Red	1 Pole BCD	10	B02
460012G	460112G	Orange	1 Pole BCD Complement	10	C12
460035G	460135G	Green	1 Pole BCH	16	B07
460041G	460141G	White	1 Pole BCH Complement	16	C16

Consult factory for additional ordering information and packaging details for Tape and Reel packaging.



Dimensions: Inch (mm)

