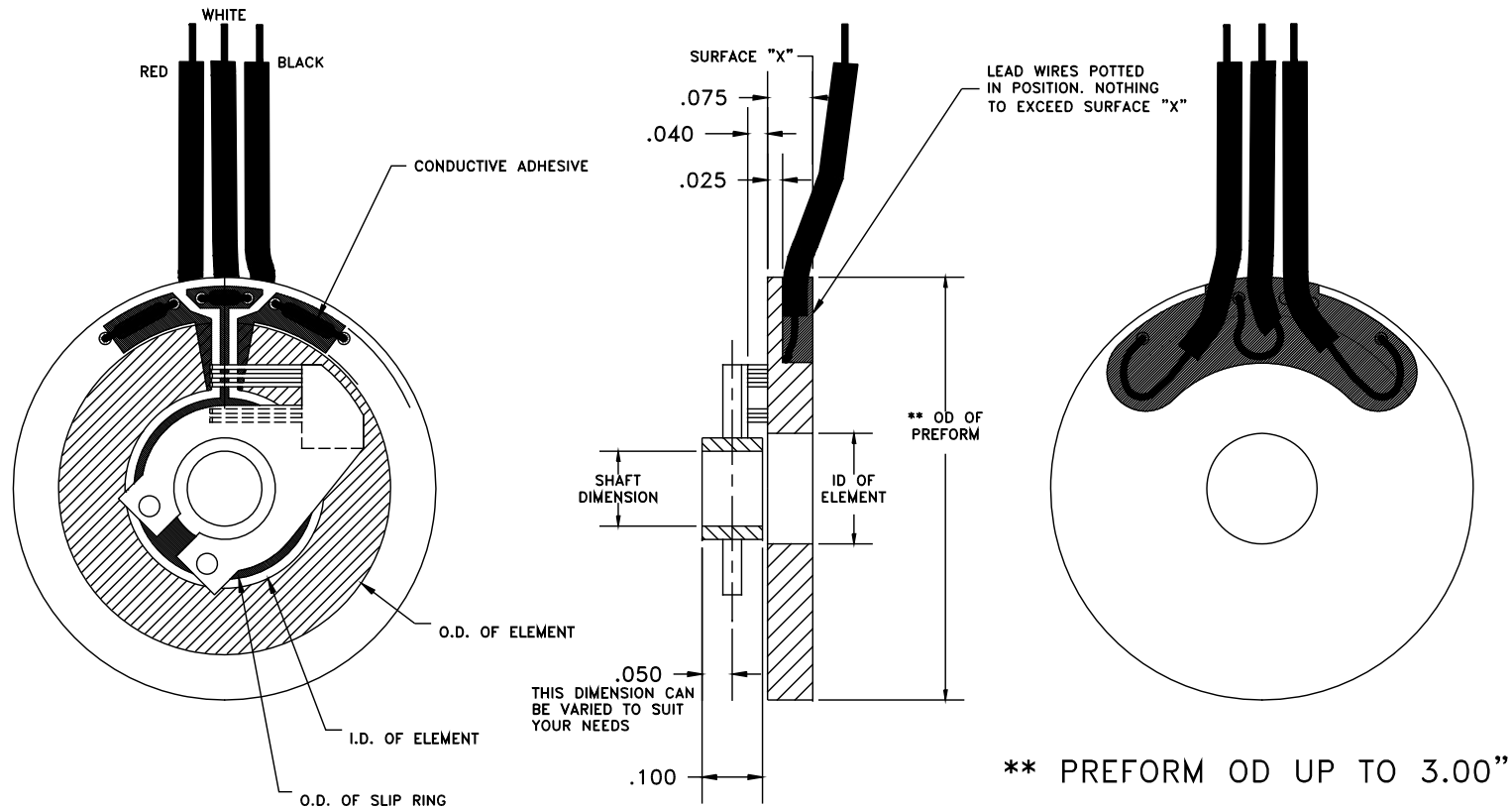


# SERIES 8006 – ELEMENT/WIPER – CONDUCTIVE PLASTIC



## SPECIFICATIONS

**MECHANICAL**  
MECHANICAL ANGLE: 60° TO 354°

**ELECTRICAL**  
STANDARD RESISTANCE: 1K, 2K, 5K, 10K, 20K, 50K, 100K  
ELECTRICAL ANGLE: ±55° TO 350°  
LINEARITY: 5% DOWN TO .2% (INDEPENDENT)  
(DEPENDANT ON ANGLE AND RESISTANCE)  
OUTPUT SMOOTHNESS: 0.25%  
POWER RATING: 1.2 WATTS NOMINAL  
INSULATION RESISTANCE: 1000 MEGOHMS @ 500 VDC  
DIELECTRIC STRENGTH: 1000 VRMS

### MATERIALS

CONTACTS: MULTI FINGER PRECIOUS METAL  
ELEMENTS: CONDUCTIVE PLASTIC

**ENVIRONMENTAL**  
TEMPERATURE: -65° C TO +125° C  
LIFE: THE OPERATIONAL LIFE OF THE POTENTIOMETER SHALL BE 10 X 10E6 CYCLES.

### OPTIONAL FEATURES

TERMINATIONS:

LEAD WIRE  
ABSOLUTE LINEARITY

