

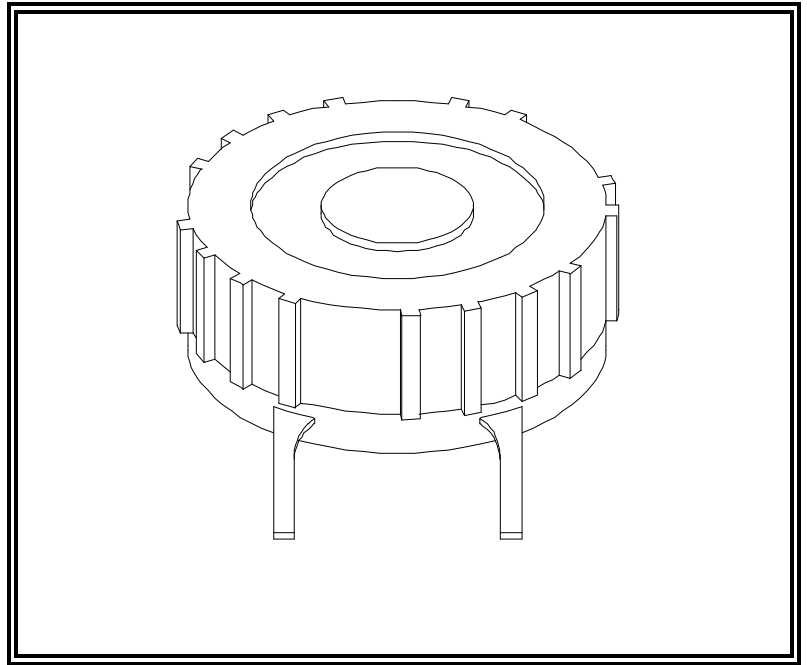


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 RTGMBH@Compuserve.com

PRODUCT DATA SHEET

POTENTIOMETER MODEL 26



NOTES: 1. All dimensions are in standard inches; metric in []
 2. Unless specified dimensions are ± 0.003 [0.08], angles $\pm 5^\circ$

PRODUCT SPECIFICATIONS

MECHANICAL DATA

Operational Torque 0.05 to 0.20 IN OZ
 Stop Guide Torque 4.0 IN OZ min
 Detent Torque >.30 IN OZ
 Rotational Angle
 Mechanical 250° nominal
 Electrical 250° nominal
 Soldering
 Temperature 290° C to 350° C
 Dwell Time 2 sec max
 Center Stud Nut Torque 3.0 IN OZ max

MATERIALS DATA

Center Stud Gold-Plated Brass
 End Leads Gold-Plated Beryllium Copper
 Wiper Silver-Plated Beryllium Copper
 Knob Thermoplastic
 Base Thermoplastic
 Resistor Substrate Epoxy Multilayer Laminate
 Resistor Element Conductive Plastic Thick Film

ELECTRICAL DATA

Potentiometer
 Overall Resistance Nominal Value $\pm 20\%$
 Wattage Rating 80 Milliwatts
 Contact Resistance Less than 10% of actual overall Resistance Value

ENVIRONMENTAL DATA

Operational Temperature
 Range -25°C to + 55°C
 Storage Temperature
 Range -40°C to + 60°C

Overall resistance will remain within 10% of the initial value and all other Electrical and Mechanical Parameters remain within spec after:

Thermal Shock per IEC Publication 68-2-14 Test Na: "Rapid Change of Temperature with Prescribed Time of Transition". -25°C to + 55°C

48 Hours Exposure to QE008 "Perspiration" at 40°C

IEC Publication 68-2-3 Test Ca: "Damp Heat Steady State."

IEC Publication 68-2-30 Test Db: "Damp Heat Cyclic"

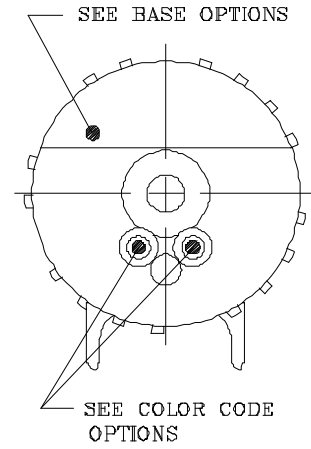
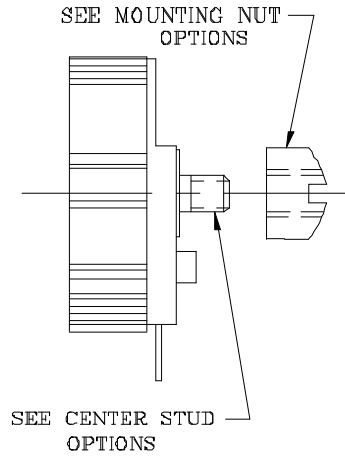
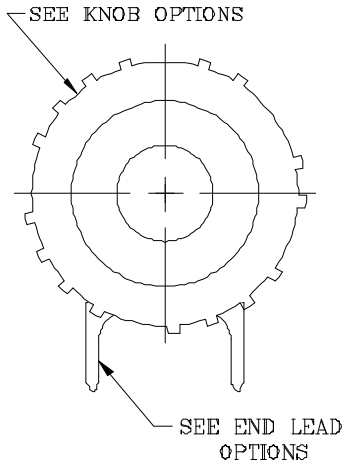
Operational Life 25,000 Rotational Cycles at max Electrical Rating

RTI reserves the right to make changes at any time to improve reliability, function, or design in order to provide the best possible product.

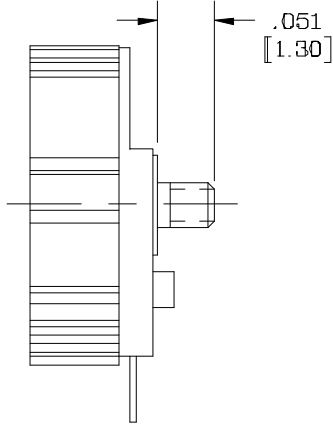


MODEL 26 PRODUCT DATA SHEET

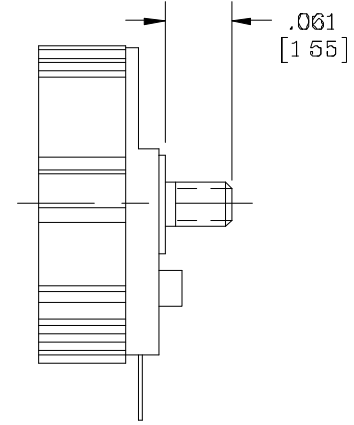
M26 POTENTIOMETER



CENTER STUDS

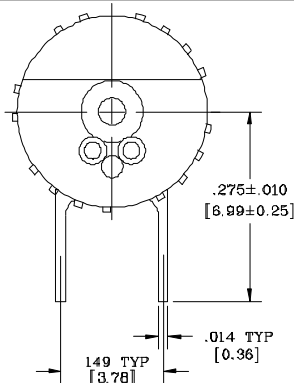


STYLE A

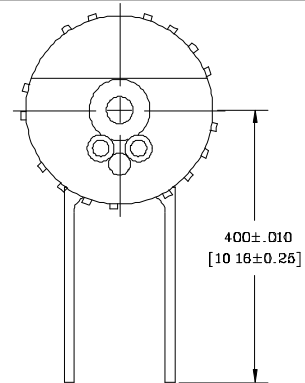


STYLE B

END LEADS



STYLE A



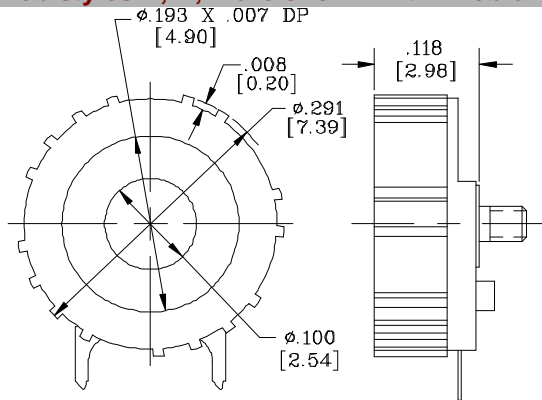
STYLE B



MODEL 26 PRODUCT DATA SHEET

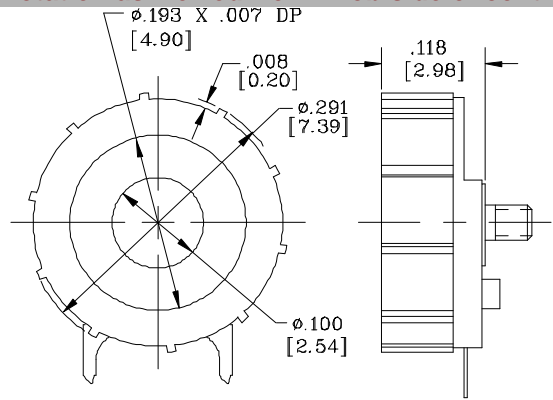
KNOBS

(Knob styles A, B, E are shown with knob drawn in full ccw rotation as viewed from knob side of control)



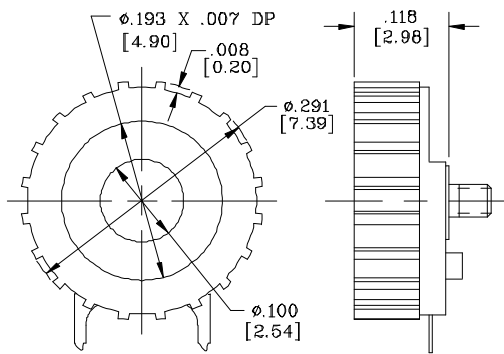
STYLE A

(See Printed Knob Patterns available for this style)

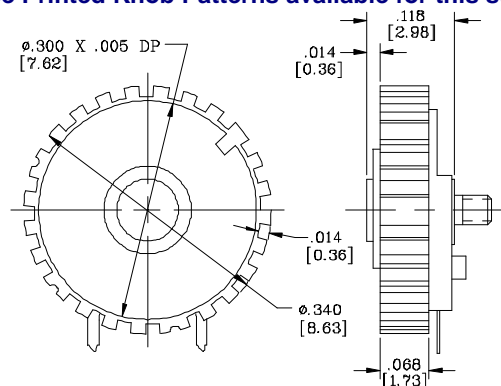


STYLE B

(See Printed Knob Patterns available for this style)

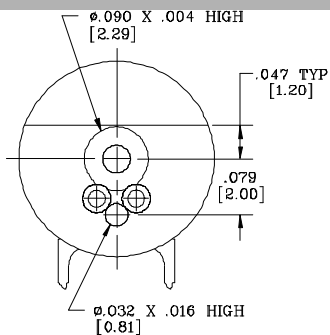


STYLE C

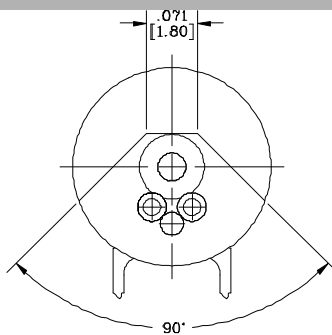


STYLE E

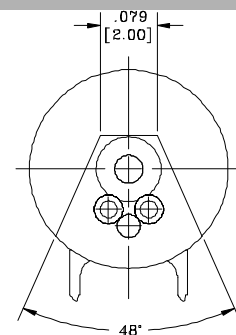
BASES



STYLE A



STYLE B



STYLE C

COLOR CODE LOCATIONS

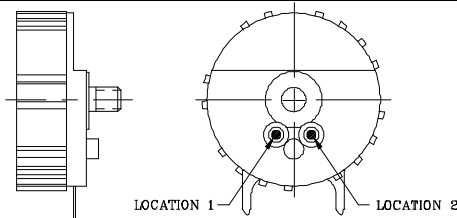
INK OPTIONS:

00 WHITE

02 RED

03 YELLOW

04 GREEN



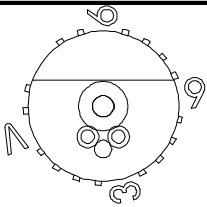


MODEL 26 PRODUCT DATA SHEET

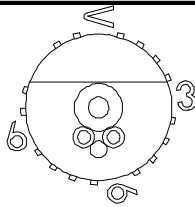
PRINTED KNOB PATTERNS

(Knobs are drawn in full cw rotation as viewed from base side of control)

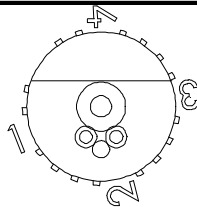
STYLE A



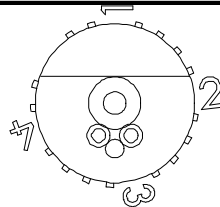
PATTERN 26



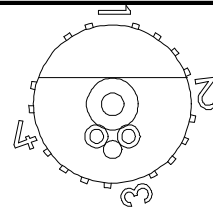
PATTERN 27



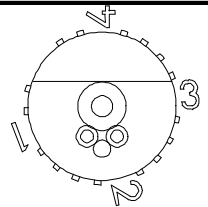
PATTERN 28



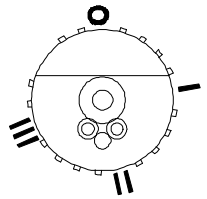
PATTERN 29



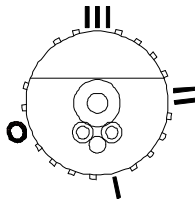
PATTERN 30



PATTERN 31

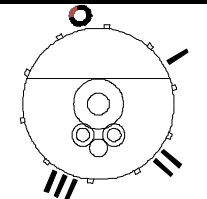


PATTERN 38

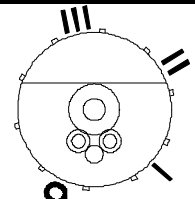


PATTERN 39

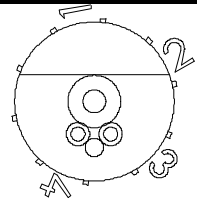
STYLE B



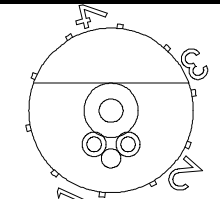
PATTERN 32



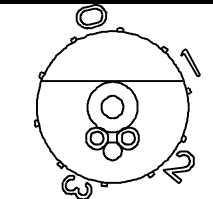
PATTERN 33



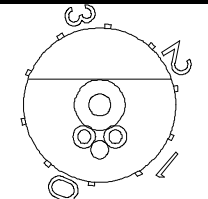
PATTERN 34



PATTERN 35

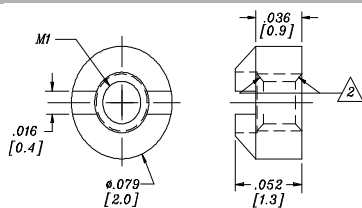


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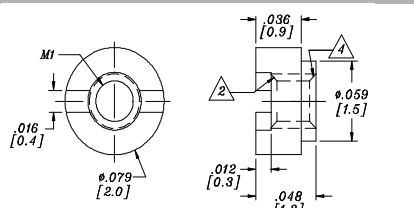


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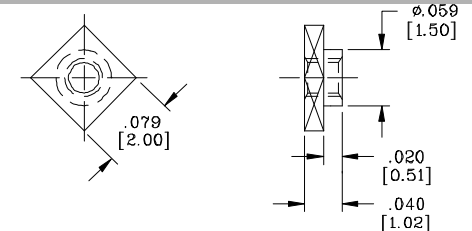
MOUNTING NUTS



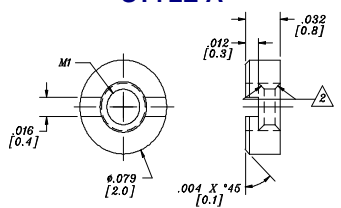
STYLE A



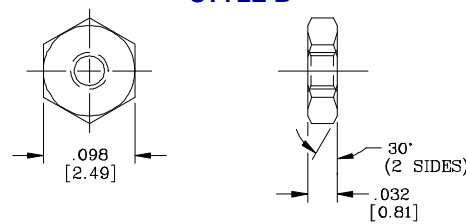
STYLE B



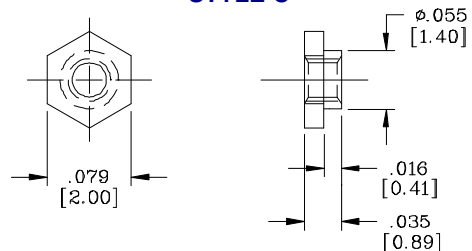
STYLE C



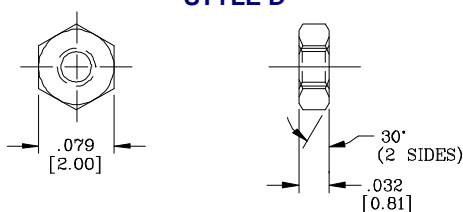
STYLE D



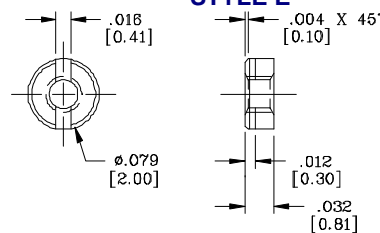
STYLE E



STYLE F



STYLE H



STYLE K