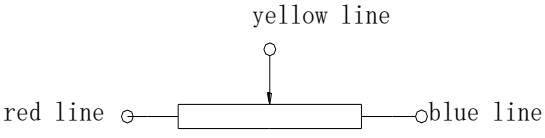
Features

Single Turn/Conductive Plastic
Long Life/High Precision
Used for Aerospace Control

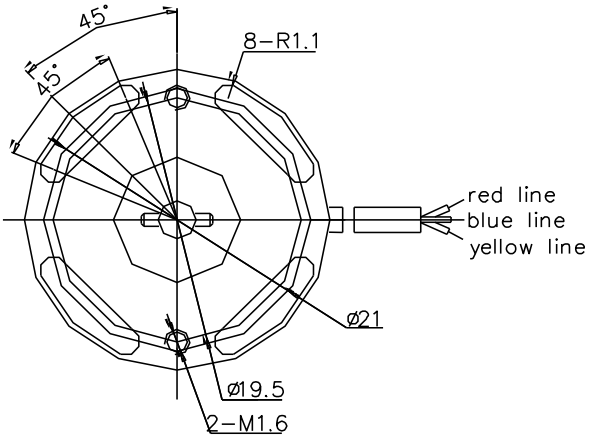
WD1502 Precision Conductive Plastic Potentiometer

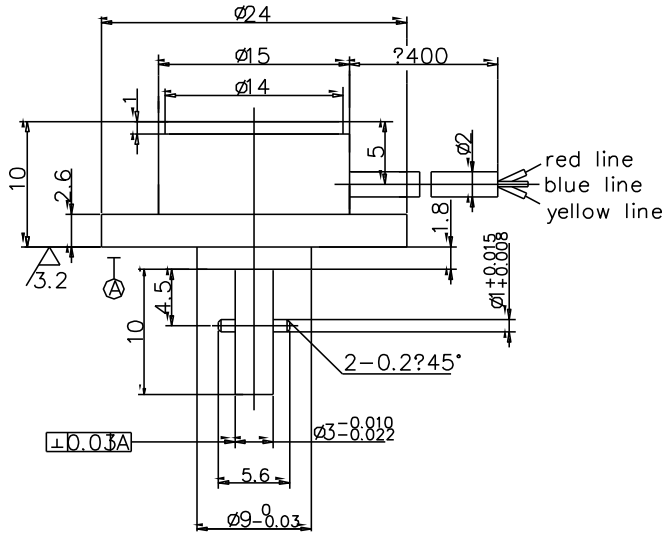
Technical Characteristics

Standard Resistance Range	1KΩ～10KΩ
Resistance Tolerance	±10%
Effective Electrical Travel	(120±2)°
	(or according to customer)
Independent Linearity	±0.3%
Output Smoothness	0.1%
Clearance	≤0.1°
Temperature Coefficient	$\pm 500 \times 10^{-6}$/℃
Insulation resistance	≥1GΩ (500 Vdc)
Withstand voltage	500 Vac.，1min
Temperature Range	−55℃～+125℃
Rotation Life	1million cycles
Starting Torque	≤2 mN•m
Shaft Radial Runout	≤0.02mm
Shaft End Clearance	≤0.05mm



Product Dimensions





Detail Specification: Q/RY20147-2011
General Standard: GJB1865