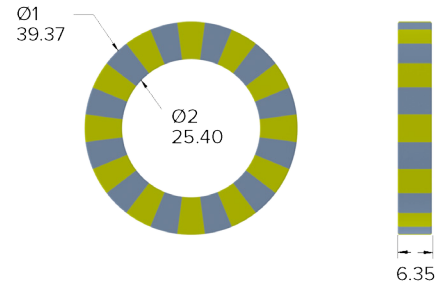


Multipole Ring Magnet 6312003

DEXTER BENEFITS AT A GLANCE:

- > ISO: 9001:2008
- > AS9100C
- > RoHS Compliant
- > Clean Room Class 10000 (ISO7)
- > Patented Magnetic Technology
- > Flexible Manufacturing
- > Magnet and Sensor Integration

Magnet Characteristics		
Material		Hard Ferrite (Ceramic)
Coating		None
Outer Diameter (ø1)	mm	39.37 +/- 0.13
Inner Diameter (ø2)	mm	25.40 +/- 0.13
Thickness (T)	mm	6.35 +/- 0.13
Density (ρ)	g/cm ³	4.8
Mass	g	21.66
Poles	No.	24



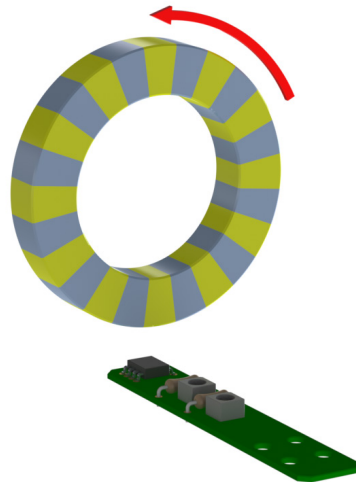
Applications & Compatible Encoders

Rotary Movement
US1881ESE-TR
US1881EUA
US1881EUA-BU
US1881LUA-BU
US2881EUA-BU
US2881LSE-TR

ABOUT DEXTER

Dexter Magnetic Technologies is the global leader in specification, design and fabrication of magnetic products and assemblies. Since its founding in 1951, solutions designed by Dexter have and continue to positively impact our world daily – from life-saving medical devices to intelligent optics.

As the essential magnetic system partner, our teams of engineers and support staff are dedicated to delivering innovative technological solutions and services through a powerful combination of engineering and manufacturing expertise.



*See application sheet for more information

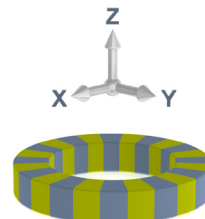
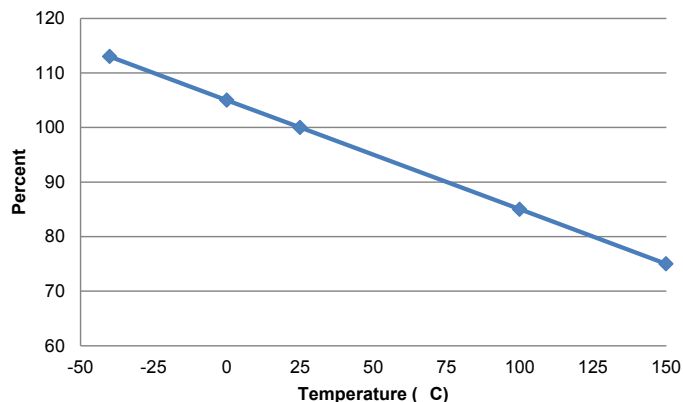
Multipole Ring Magnet 6312003

Performance Characteristics

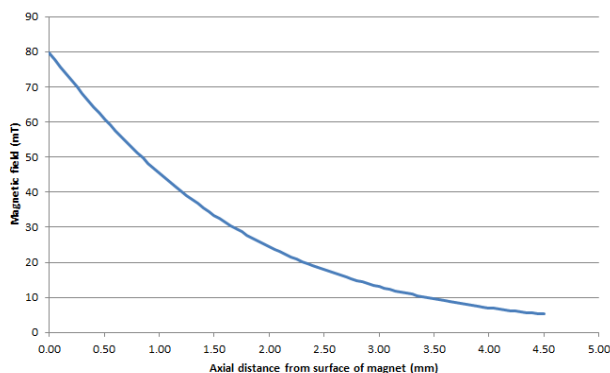
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Magnetic Field Strength vs. Temperature - Normalized, 25°C=100%



Magnetic Field Strength vs. Distance from OD of Magnet



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Magnetic Field Variation vs. Tilting Angle

