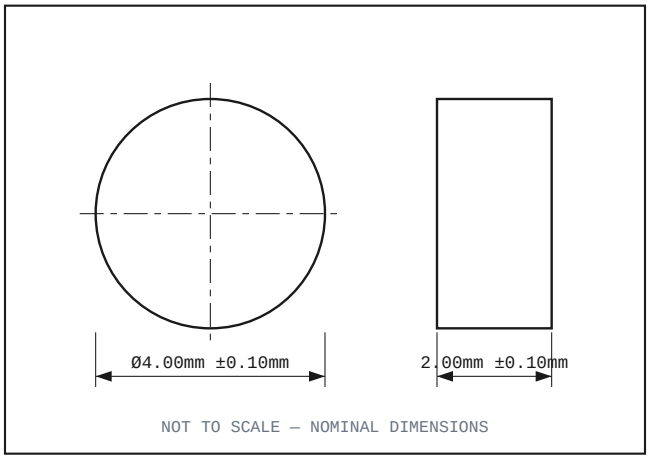
P/N 9660 — DISC MAGNET, N35

SPECIFICATIONS

Diameter	0.157" (4.00 mm)
Thickness	0.079" (2.00 mm)
Tolerance (gen.)	±0.10mm
Material	Sintered NdFeB, grade N35
Coating	NiCuNi
Magnetization	Axial (thru thickness), saturated
Weight (calc.)	0.19 g (0.007 oz)
Surface field (calc.)	4225 G (0.422 T) at pole face ctr.



MAGNETIC PROPERTIES — GRADE N35

Remanence Br	1.17–1.22 T	11.7–12.2 kGs
Coercivity Hcb	868 kA/m min.	10.9 kOe min.
Intrinsic coercivity Hcj	955 kA/m min.	12.0 kOe min.
Energy product (BH)max	263–286 kJ/m³	33–36 MGOe
Max operating temperature *	80 °C	176 °F
Curie temperature (typ)	310–340 °C	590–644 °F

* Geometry dependent — assumes permeance coefficient Pc of ~0.5 or higher (open circuit). Standard published grade values; certified lot values available with shipment documentation.

PHYSICAL PROPERTIES (SINTERED NdFeB, TYPICAL)

Density	7.5 g/cm³	Vickers hardness	~570 Hv
CTE (par / perp to M)	5.2 / -0.8 µm/m·°C	Elec. resistivity	144 µOhm·cm
Flexural strength	~250 MPa	Compressive strength	~1050 MPa

QUALITY & COMPLIANCE

ISO 9001 quality management system. PPAP documentation (AIAG), First Article Inspection, Certificates of Conformance, material certifications, and SPC/capability data available on request. RoHS and REACH declarations current. 10M+ magnets stocked in the U.S. — same-day shipping on orders placed by 2PM EST.