μi 125 1.14in Ferrite Toroidal Core

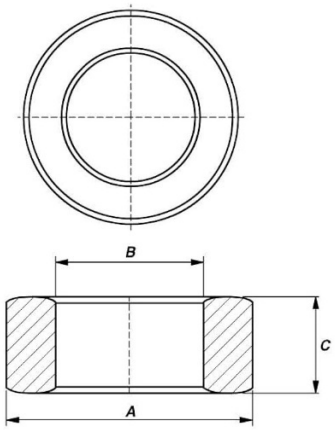
T1G-114/030

MATERIAL SPECIFICATIONS		
Ferrite material		Mix. 1G (61)
Initial permeability	μ_i	125 (±25%)
Curie temperature	T_C	>230 °C
Loss factor	Tanδ/ μ_i	30 × 10^{-6} @ 0.1 MHz
Saturation magnetic flux	B_S	300 mT
Electrical resistivity	ρ_V	10^6 Ω×m
ELECTRICAL SPECIFICATIONS		
Inductance factor	A_L	80 nH/N^2 (±25%)
Impedance	Z	>18 Ω @ 25 MHz
		>55 Ω @ 100 MHz
TEST CONDITIONS		
AL tested @ 100 kHz, 0.1 V, ø0.3 mm x 10 turns		
Z tested with ø0.65 mm enamelled copper wire (2UEW), 1 turn		
ENVIRONMENTAL SPECIFICATIONS		
RoHS	Compliant (2011/65/EU | RoHS 3)	
REACH	Compliant (EC 1907/2006)	

KEY FEATURES

- Broadband RF performance
- Medium power handling
- Ideal for baluns and RF chokes
- Proven reliability and robust design

DRAWING



DIMENSIONS

	mm	mm tol.	nominal in
A	29.0	±0.6	1.14
B	19.0	±0.5	0.75
C	7.5	±0.5	0.30

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