μi 800 1.4in Ferrite Toroidal Core

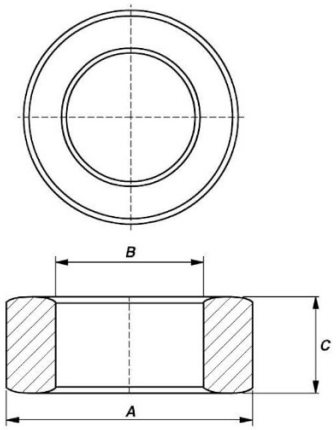
T1V-140/050

MATERIAL SPECIFICATIONS		
Ferrite material		Mix. 1V (43)
Initial permeability	μ_i	800 (±25%)
Curie temperature	T_C	>130 °C
Loss factor	Tanδ/ μ_i	30 × 10^{-6} @ 0.1 MHz
Saturation magnetic flux	B_S	250 mT
Electrical resistivity	ρ_V	10^6 Ω×m
ELECTRICAL SPECIFICATIONS		
Inductance factor	A_L	885 nH/N^2 (±20%)
Impedance	Z	>30 Ω @ 25 MHz
		>70 Ω @ 100 MHz
TEST CONDITIONS		
AL tested @ 10 kHz, 0.25 V, 1 turn		
Z tested with 0.65mm 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	36.0	±0.8	1.4
B	23.0	±0.6	0.9
C	12.7	±0.5	0.5