μi 800 2.4in Ferrite Toroidal Core

T1Y-240/050

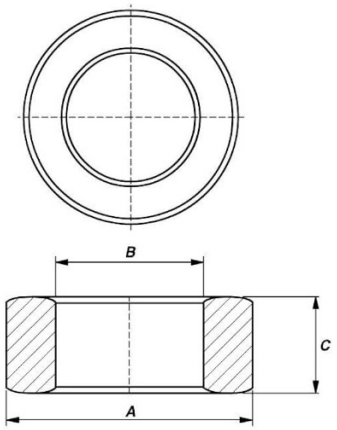
MATERIAL SPECIFICATIONS		
Ferrite material		Mix. 1Y (31)
Initial permeability	μ_i	1500 (±25%)
Curie temperature	T_C	>90 °C
Loss factor	Tanδ/ μ_i	20 × 10^{-6} @ 0.1 MHz
Saturation magnetic flux	B_S	360 mT
Electrical resistivity	ρ_V	10^6 Ω×m
ELECTRICAL SPECIFICATIONS		
Inductance factor	A_L	2053 nH/N^2 (±25%)
Impedance	Z	>30 Ω @ 10 MHz
		>46 Ω @ 25 MHz
		>88 Ω @ 100 MHz
TEST CONDITIONS		
AL tested @ 100 kHz, 1 V, 10 turns		
Z tested with 0.65mm enamelled copper wire (2UEW), 10 turns		
ENVIRONMENTAL SPECIFICATIONS		
RoHS	Compliant (2011/65/EU | RoHS 3)	
REACH	Compliant (EC 1907/2006)	



KEY FEATURES

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

DRAWING



DIMENSIONS

	mm	mm tol.	nominal in
A	61.0	±1.3	2.4
B	35.55	±0.85	1.4
C	12.7	±0.5	0.5

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