

μi 800 2.4in Ferrite Toroidal Core

T1V-240/050

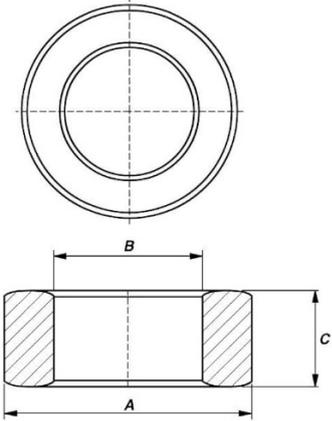
MATERIAL SPECIFICATIONS		
Ferrite material		Mix. 1V (43)
Initial permeability	μ_i	800 ($\pm 25\%$)
Curie temperature	T_c	$>130\text{ }^\circ\text{C}$
Loss factor	$\text{Tan}\delta / \mu_i$	30×10^{-6} @ 0.1 MHz
Saturation magnetic flux	B_s	250 mT
Electrical resistivity	ρ_v	$10^6\ \Omega \cdot \text{m}$
ELECTRICAL SPECIFICATIONS		
Inductance factor	A_L	1030 nH/N ² ($\pm 25\%$)
Impedance	Z	$>35\ \Omega$ @ 25 MHz
		$>70\ \Omega$ @ 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	