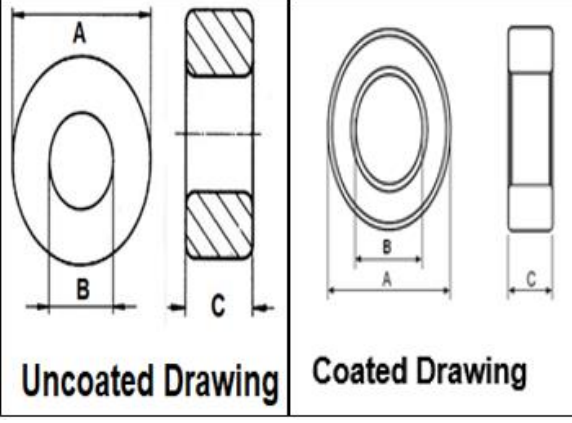


Technical Data Sheet RoHS Compliant Product

T12.5/7.5/05, MnZn

Product Specifications:

Parameter		Symbol	Unit	Uncoated	Coated	Geometry Drawing Reference	
Magnetic Characteristics	Effective Length	I_e	mm		30.09		
	Effective Area	A_e	mm ²		12.23		
	Effective Volume	V_e	mm ³		368.05		
Dimensions	A	-	mm	12.50 ±0.30	13.40 Max		
	B	-	mm	7.50 ±0.30	6.60 Min		
	C	-	mm	5.00 ±0.30	5.90 Max		
Appx. Weight/Piece	Weight	W	gm	1.03	1.03		

Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc. as per IEC 63093 - 8

Inspection Criteria: IEC 60424, Guide on the limits of Surface Irregularities

Mechanical Strength: IEC 61631 Compliant

Compliant: RoHS & REACH

Test Conditions: 10kHz/300 mV, Coil - N=1 Turns, 25°C

Material Grade	Initial Permeability (μ_i)	AL Value (nH)	
SFA04	2300 ±25%	1250 ±25%	
SFA05	5000 ±25%	2500 ±25%	
SFA07	7000 ±25%	3500 ±25%	
SFA10	10000 ±30%	5000 ±30%	
SFA12	12000 ±30%	6000 ±30%	