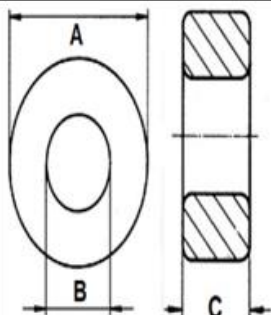
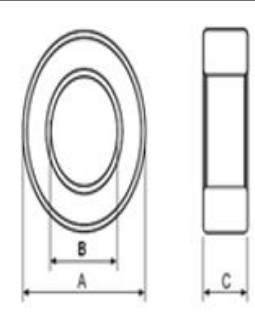


## Technical Data Sheet RoHS Compliant Product

### T9.53/4.75/4.8, MnZn

#### Product Specifications:

Parameter		Symbol	Unit	Uncoated	Coated	Geometry Drawing Reference	
Magnetic Characteristics	Effective Length	$I_e$	mm		20.72		
	Effective Area	$A_e$	mm <sup>2</sup>		11.02		
	Effective Volume	$V_e$	mm <sup>3</sup>		228.28		
Dimensions	A	-	mm	9.53 ±0.25	10.38 Max		
	B	-	mm	4.75 ±0.15	4.03 Min		
	C	-	mm	4.80 ±0.15	5.53 Max		
Appx. Weight/Piece	Weight	<b>W</b>	gm	0.55	0.55		

**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 ( $\mu_i$ )	AL Value (nH)	
SFA04	2300 ±25%	1670 ±25%	
SFA05	5000 ±25%	3340 ±25%	
SFA07	7000 ±25%	4680 ±25%	
SFA10	10000 ±30%	6680 ±30%	
SFA12	12000 ±30%	7720 ±30%	