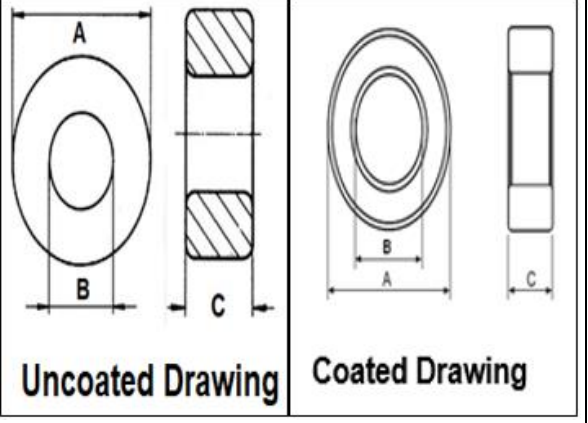


## Technical Data Sheet RoHS Compliant Product

### T31/19/13, MnZn

#### Product Specifications:

Parameter		Symbol	Unit	Uncoated	Coated	Geometry Drawing Reference	
Magnetic Characteristics	Effective Length	$I_e$	mm		75.49		
	Effective Area	$A_e$	mm <sup>2</sup>		76.46		
	Effective Volume	$V_e$	mm <sup>3</sup>		5771.89		
Dimensions	A	-	mm	31.0 ±0.50	32.10 Max		
	B	-	mm	19.0 ±0.50	17.90 Min		
	C	-	mm	13.0 ±0.40	14.00 Max		
Appx. Weight/Piece	Weight	$W$	gm				

**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%	3180 ±25%	
SFA05	5000 ±25%	6360 ±25%	
SFA07	7000 ±25%	8910 ±25%	
SFA10	10000 ±30%	12730 ±30%	
SFA12	12000 ±30%	14500 ±30%	