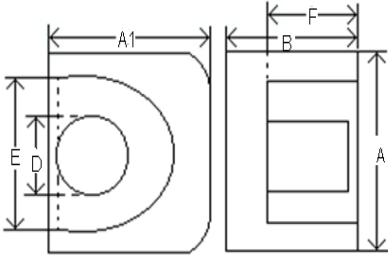


Technical Data Sheet RoHS Compliant Product

EP10/5/7, No Gap Core, MnZn

Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	I_e	mm	19.2	
	Effective Area	A_e	mm ²	11.30	
	Effective Volume	V_e	mm ³	217	
Dimensions	A	-	mm	11.50 ±0.30	
	A1	-	mm	7.65 ±0.20	
	B	-	mm	5.20 ±0.10	
	D	-	mm	3.30 ±0.15	
	E	-	mm	9.40 ±0.20	
	F	-	mm	3.70 ±0.10	
	A – A'	-	mm	≤ 0.20	
Appx. Weight/Set	Weight	W	gm	2.80	

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: 1 kHz/300 mV, Coil - N=100 Turns, 25°C

Power Loss Conditions: 100 kHz, 200 mT, 100°C

Material Grade	Initial Permeability (μ_i)	AL Value (nH/Set)	PV (W/Set)
SFP4	2300 ±25%	1100 +30/-20%	≤ 0.10
SFP95	3300 ±25%	2000 +30/-20%	
SFA05	5000 ±25%		
SFA07	7000 ±25%		
SFA10	10000 ±30%		
SFA12	12000 ±30%		

Other AL values/air gaps and materials available on request