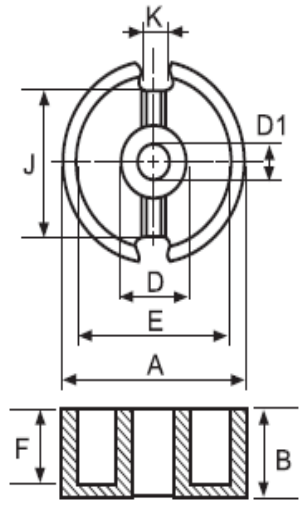


Technical Data Sheet RoHS Compliant Product

POT9*5, No Gap Core, MnZn

Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	l_e	mm	13.52	
	Effective Area	A_e	mm ²	12.76	
	Effective Volume	V_e	mm ³	172.52	
Dimensions	A	-	mm	9.15 ± 0.15	
	B	-	mm	2.65 ± 0.05	
	D	-	mm	3.80 ± 0.10	
	E	-	mm	7.62 ± 0.15	
	F	-	mm	1.87 ± 0.10	
	J	-	mm	5.65 ± 0.15	
	K	-	mm	2.10 ± 0.30	
	D1	-	mm	-	
	A - A'	-	mm	≤ 0.10	
Appx. Weight/Set	Weight	W	gm	0.94	

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%	1300 ±25%	
SFP95	3300 ±25%		
SFA05	5000 ±25%		
SFA07	7000 ±25%		
SFA10	10000 ±30%		
SFA12	12000 ±30%		

Other AL values/air gaps and materials available on request

Speedofer Components Pvt. Ltd.,

Plot No: 101 & 102, Toy City, Ecotech – III, Greater Noida – 201306, Uttar Pradesh, India. Email: info@speedofer.com URL: www.speedofer.com

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