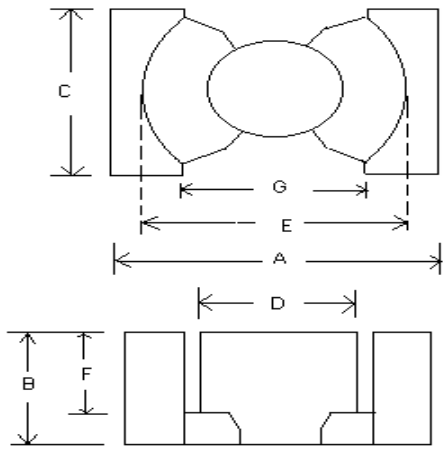


Technical Data Sheet RoHS Compliant Product

PQ50/50, No Gap Core, MnZn

Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	I_e	mm	115.53	
	Effective Area	A_e	mm ²	314.40	
	Effective Volume	V_e	mm ³	36356.10	
Dimensions	A	-	mm	50.50 ±0.50	
	B	-	mm	25.20 ±0.40	
	C	-	mm	32.00 ±0.40	
	D	-	mm	20.00 ±0.30	
	E	-	mm	43.50 min.	
	F	-	mm	18.25 ±0.40	
	G	-	mm	31.50 min.	
	A - A'	-	mm	≤ 0.40	
Appx. Weight/Set	Weight	W	gm	187.0	

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, 100 mT, 100°C

Material Grade	Initial Permeability (μ_i)	AL Value (nH/Set)	PV (W/Set)
SFP4	2300 ±25%	6500 +30/-20%	≤ 3.60
SFP95	3300 ±25%	8200 +30/-20%	≤ 3.50
SFA05	5000 ±25%		
SFA07	7000 ±25%		
SFA10	10000 ±30%		
SFA12	12000 ±30%		

Other AL values/air gaps and materials available on request