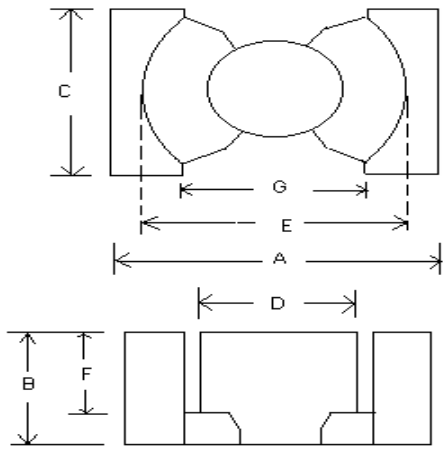


Technical Data Sheet RoHS Compliant Product

PQ27.5/20, No Gap Core, MnZn

Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	l_e	mm	53.90	
	Effective Area	A_e	mm ²	113.04	
	Effective Volume	V_e	mm ³	6092.80	
Dimensions	A	-	mm	27.50 ±0.40	
	B	-	mm	10.40 ±0.30	
	C	-	mm	19.00 ±0.30	
	D	-	mm	12.00 ±0.25	
	E	-	mm	23.0 min	
	F	-	mm	6.50 ±0.30	
	G	-	mm	16.80 min	
	A - A'	-	mm	≤ 0.30	
Appx. Weight/Set	Weight	W	gm	30.30	

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%	5000 ±25%	≤ 3.00
SFP95	3300 ±25%	6500 ±25%	
SFA05	5000 ±25%		
SFA07	7000 ±25%		
SFA10	10000 ±30%		
SFA12	12000 ±30%		

Other AL values/air gaps and materials available on request