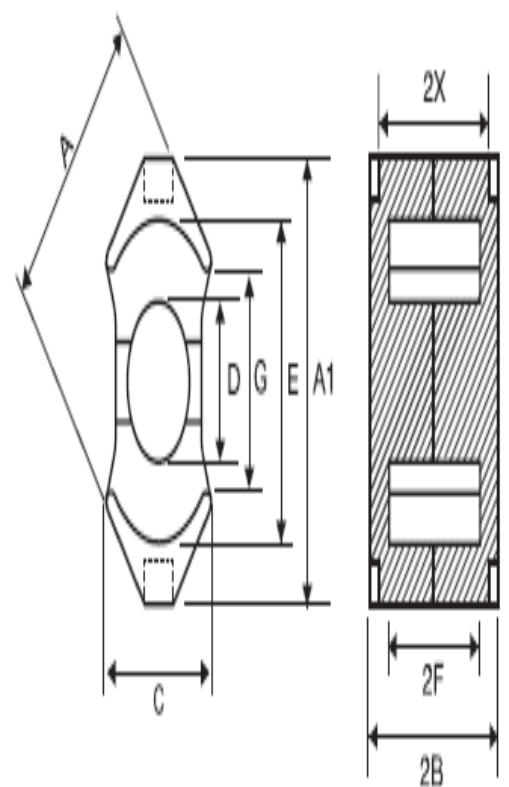


Technical Data Sheet RoHS Compliant Product

RM12, No Gap Core, MnZn

Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	l_e	mm	60.6	
	Effective Area	A_e	mm ²	144	
	Effective Volume	V_e	mm ³	8752	
Dimensions	A	-	mm	29.20 ±0.60	
	A1	-	mm	36.85 ±0.75	
	B	-	mm	12.25 ±0.10	
	C	-	mm	24.50 ±0.10	
	D	-	mm	12.60 ±0.20	
	E	-	mm	25.45 ±0.55	
	F	-	mm	8.55±0.15	
	G	-	mm	13.40 min	
	2X	-	mm	22.10 ±0.25	
	A – A'	-	mm	≤ 0.30	
Appx. Weight/Set	Weight	W	gm	45	

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%	5300 +30%/-20%	≤ 4.50
SFP95	3300 ±25%	6600 +30%/-20%	≤ 3.70
SFA05	5000 ±25%		
SFA07	7000 ±25%		
SFA10	10000 ±30%		
SFA12	12000 ±30%		

Other AL values/air gaps and materials available on request