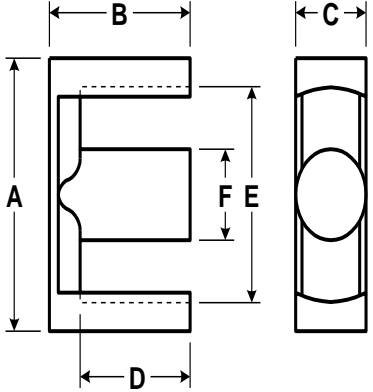


Technical Data Sheet RoHS Compliant Product

ER42/22/15, No Gap Core, MnZn

Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	I_e	mm	99.0	
	Effective Area	A_e	mm ²	170.0	
	Effective Volume	V_e	mm ³	16800.0	
Dimensions	A	-	mm	42.0 +1.0/-0.7	
	B	-	mm	21.60 ± 0.40	
	C	-	mm	14.70 ± 0.30	
	D	-	mm	15.95 ± 0.40	
	E	-	mm	30.40min.	
	F	-	mm	14.70 ± 0.30	
	A - A'	-	mm	≤ 0.40	
Appx. Weight/Set	Weight	W	gm	84	

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%	3700 ±25%	≤ 3.8
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