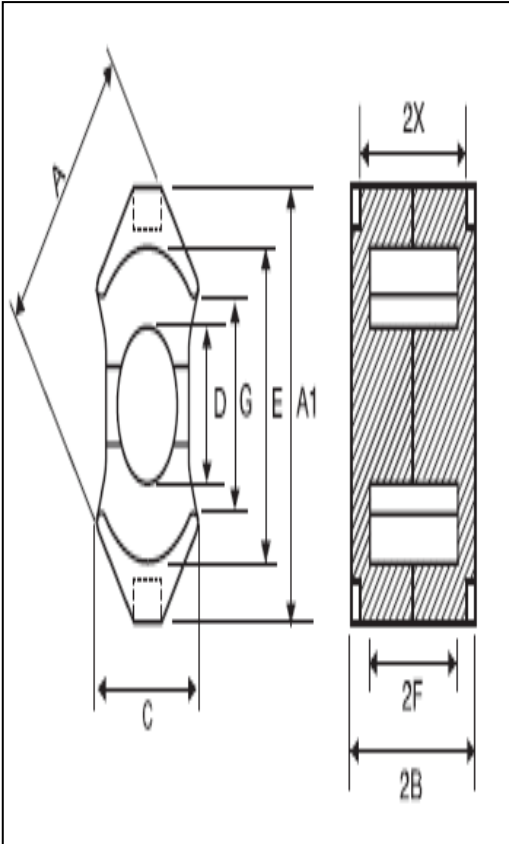


## Technical Data Sheet RoHS Compliant Product

### RM6, No Gap Core, MnZn

#### Product Specifications:

Parameter		Symbol	Unit	Value	Geometry Drawing Reference
Magnetic Characteristics	Effective Length	$l_e$	mm	28.6	
	Effective Area	$A_e$	mm <sup>2</sup>	36.6	
	Effective Volume	$V_e$	mm <sup>3</sup>	1050.0	
Dimensions	A	-	mm	14.40 ±0.30	
	A1	-	mm	17.60 ±0.30	
	B	-	mm	6.20 ±0.10	
	C	-	mm	10.47 ±0.25	
	D	-	mm	6.30 ±0.10	
	E	-	mm	12.64 ±0.25	
	F	-	mm	4.20±0.20	
	G	-	mm	8.40 min.	
	2X	-	mm	10.40 ±0.25	
	A – A'	-	mm	≤ 0.20	
Appx. Weight/Set	Weight	<b>W</b>	gm	5.10	

**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 ( $\mu_i$ )	AL Value (nH)/Set	PV (W/set)
SFP4	2300 ±25%	2400 +30%/-20%	≤ 0.51
SFP95	3300 ±25%	2800 +30%/-20%	≤ 0.45
SFA05	5000 ±25%	4300 +30%/-20%	
SFA07	7000 ±25%		
SFA10	10000 ±30%		
SFA12	12000 ±30%	7490 Min	

Other AL values/air gaps and materials available on request