



PRODUCT DATA SHEET

CORE – RM12S

Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc; as per IEC standards

Effective parameters irrespective of material grade (per set)

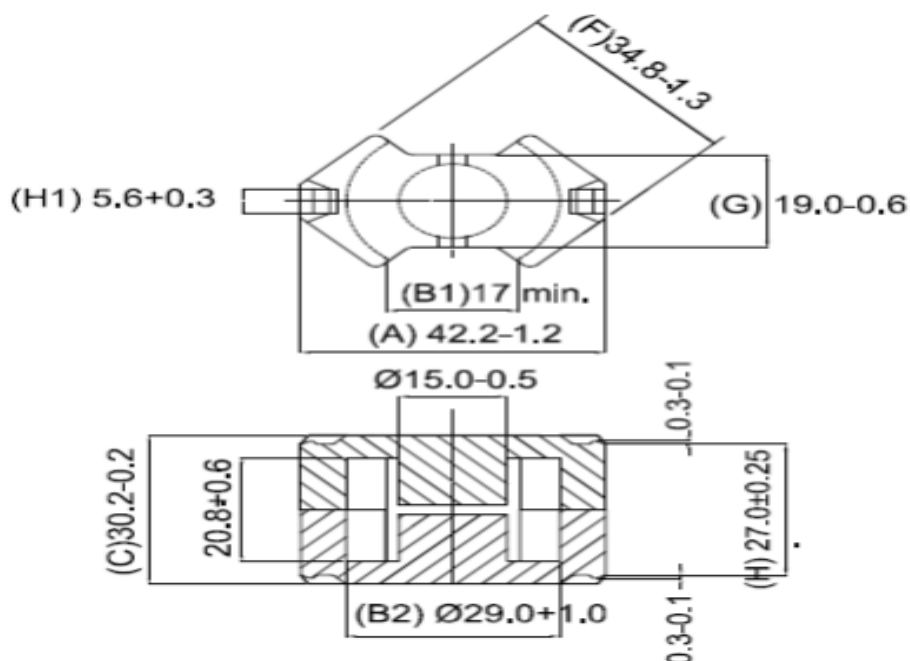
Parameter	Value	Unit
Effective Length (L_e)	57.3	mm
Effective Area (A_e)	138	mm ²
Effective Area (A_{Min})	107	mm ²
Effective Volume (V_e)	7907	mm ³
Approx. Weight (without gap)	43.25	g/set



RM12 Un-gapped (OL)

Test Conditions: 1kHz/1mT/CFR COIL,N=100/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	P_v (W/set)	Ordering code
CF139	2100 $\pm$ 20%	5000 +30%/-20%	≤ 0.79 (100mT,100kHz,100°C)	CF139 RM12S OL
CF297	2300 $\pm$ 20%	5200 +30%/-20%	≤ 0.70 (100mT,100kHz,100°C)	CF297 RM12S OL



Remarks: Value of “G” is Zero (0) for Un-Gapped Cores, for Gapped Cores the value of “G” varies as per the Gap/AL value

For general terms and conditions please visit

http://www.cosmoferrites.com/Downloads/Downloads/bcb70e7c-ae33-40ec-a881-0d5120db57b6_GTC.pdf

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