PRODUCT DATA APPROVAL SHEET

Core- RM8

Cosmo Ferrites Ltd. - INDIA

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)

- Effective Length (L_e): 38.0mm
- Effective Area (A_e): 64.0mm^2
- Effective Area (A_{Min}): 61.0mm^2
- Effective Volume (V_e): 2430mm^3

Approximate weight (without Gap): 12grm/Set

RM8 Un-gapped (OL)

Test Conditions: 1kHz/1mT/COSMO COIL, FBW, N=100/Lo=80.1uH/25˚C

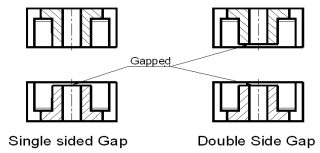
Material	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e Approx./Set	P_V (W/set)	Ordering code
CF139	2100 ±20%	3650 +30%/-20%	≈1650	≤0.24(100mT, 100kHz, 100^{0}C)	CF139RM8 OL

RM8 Gapped

Test Conditions:1kHz/300mV/COSMO COIL,FBW,N=100/Lo=80.1uH /25˚C

Material Grade	AL- Value (nH)/Set	S, T **)		D **)		Ordering Code
		Gap-Value Approx. (mm)/Pc	μ_e Approx./Set	Gap-Value Approx. (mm)/Pc	μ_e Approx./Set	
CF139	250 ± 5%	≈ 0.30	≈ 119	≈ 15	≈ 119	CF139RM8AL250 S/T/D**

**) S, T -> AL value in the table applies to a core set comprising one ungapped core (g=0) and one gapped core (g>0)
D -> AL value in the table applies to a core set comprising one gapped core (g>0) and one gapped core (g>0)



Delivery Procedure

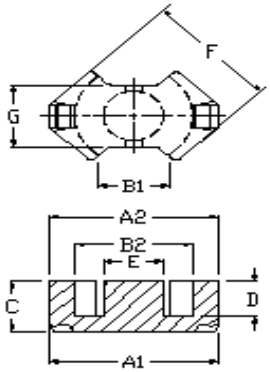
S: 50% gapped Core and 50% Un-gapped core

T: 100% gapped cores (Un-gapped core to be ordered separately)

D: 100% gapped cores

Dimensions:

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A1/A2	22.75	23.2	22.3
B1	-	-	9.8
B2	17.3	17.6	17.0
C	8.2	8.35	8.05
D	5.5	5.65	5.35
E	8.4	8.55	8.25
F	19.25	19.7	18.8
G	10.8	11.0	10.6



For Cosmo Ferrites Limited-INDIA
Checked By: A.K.
Approved By: B.S.
Authorized By: KSR
Date: 18-09-2013(ISSUE NO.2)

Customer's Approval
Authorized Signatory:
Name:
Date:

SEMIC TRADE
Semic Trade, s.r.o.
Volutová 2521/18
158 00 Praha 5
Czech Republic
www.semic.cz
semic@semic.cz
tel.: +420 251 625 331, 332, 377