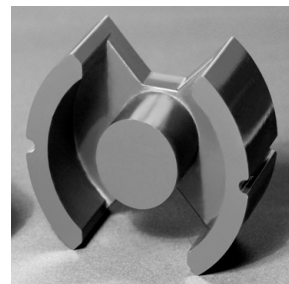


Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

- Effective Length (L_e): 109 mm
- Effective Area (A_e): 570 mm²
- Effective Area (A_{Min}): 558 mm²
- Effective Volume (V_e): 62130 mm³

Approximate weight (without Gap): 280 g/Set



PM6249 Un-gapped (OL)

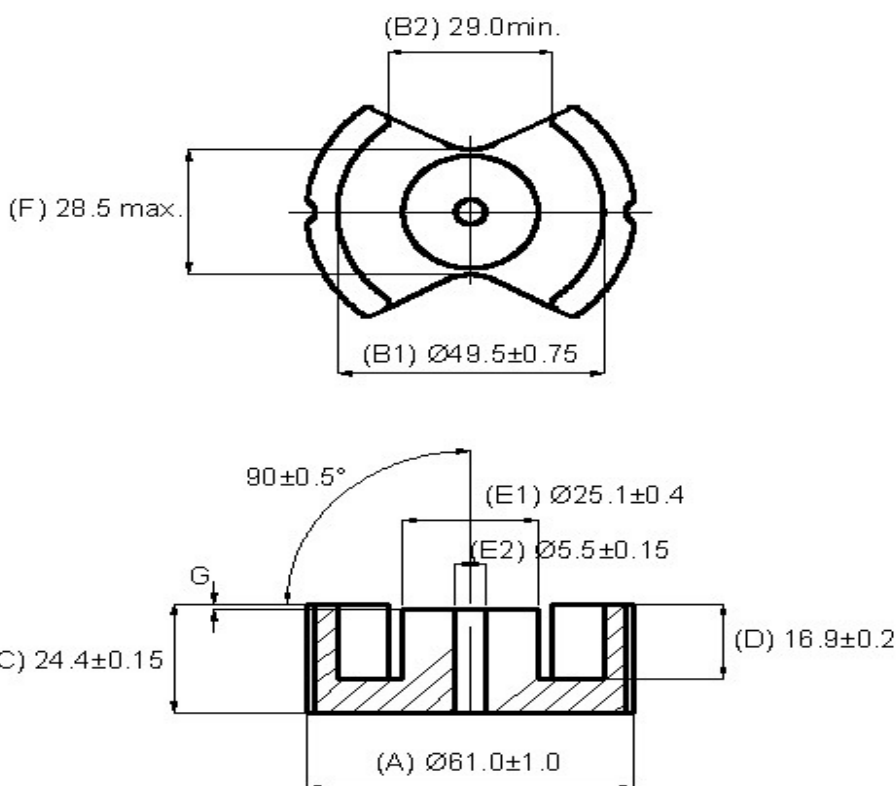
Test Conditions: 1kHz/300mV/CFR COIL, N=100/L₀=326.0uH/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e Approx./Set	P_v (W/set)	Ordering code
CF196	2000±20%	9100+30%/-20%	≈ 1750	≤8.57(200mT,16kHz,100°C)	CF196PM6249 OL
CF139	2100 ±20%	9200 +30%/-20%	≈ 1780	≤6.21(100mT,100kHz,100°C)	CF139PM6249 OL
CF297	2300 ±20%	9700 +30%/-20%	≈ 1485	≤5.59(100mT,100kHz,100°C)	CF297PM6249 OL

PM6249 Gapped

Test Conditions: 1kHz/300mV/CFR COIL, N=100/L₀=326.0uH/25°C

Material Grade	AL Value in nH/Set	S, T		D		Ordering Code
		Gap Approx. (mm)/Pc	μ_e Approx./Set	AL Approx. (nH)/Set	μ_e Approx./Set	
CF196	315 ± 3%	≈ 1.98	≈ 46	≈ 0.98	≈ 46	CF196PM6249AL315 S/T/D
CF139	315 ± 3%	≈ 2.0	≈ 48	≈ 1.0	≈ 48	CF139PM6249AL315 S/T/D
CF297	315 ± 3%	≈ 2.2	≈ 49	≈ 1.1	≈ 49	CF297PM6249AL315 S/T/D



For Cosmo Ferrites Limited-INDIA

Checked By: A.K.
 Approved By: B.S.
 Authorized By: KSR
 Date: 28-11-2013 (ISSUE NO. 2)

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