



PRODUCT DATA APPROVAL SHEET

Core- PQ2625

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): 54.3mm
- Effective Area (A_e): 120.0mm²
- Effective Area (A_{Min}): 108.0mm²
- Effective Volume (V_e): 6530mm³

Approximate weight (without Gap): 36.5g/Set



PQ2625 Un-gapped (OL)

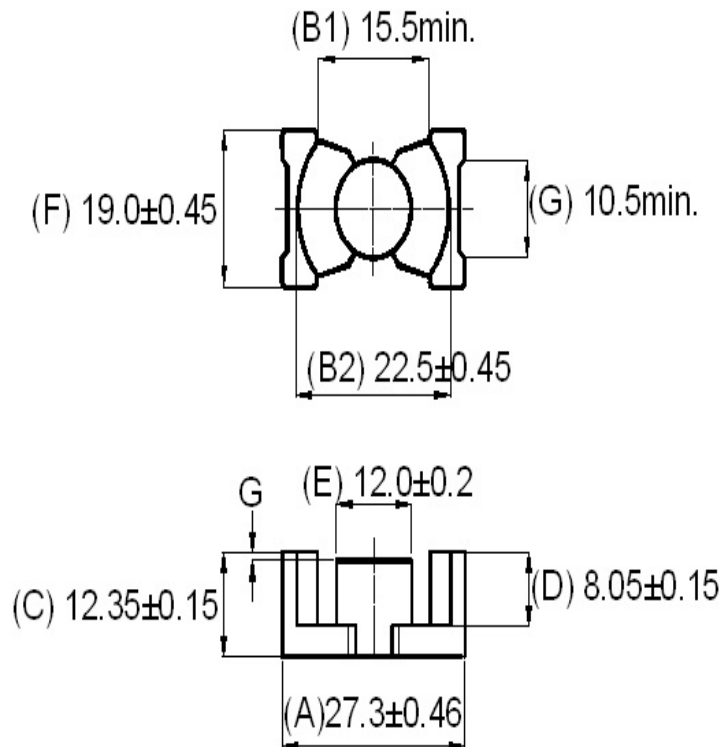
Test Conditions: 1kHz/1mT/CFR COIL,N=100/Lo=52.5uH/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e approx./Set	P_v (W/set)
CF139	2100 \pm 20%	5450 +30%/-20%	\approx 1910	\leq 0.65(100mT,100kHz, 100°C)

PQ2625 Gapped (AL)

Test Conditions: 1kHz/300mV/CFR COIL,N=100/Lo=52.5uH/25°C

Material Grade	Gap-Value(mm)/Pc	S, T)		D)	
		Approx.AL(nH)/Set	μ_e approx./Set	Approx.AL (nm)/Set	μ_e approx./Set
CF139	0.25 \pm 0.04	\approx 550	\approx 197	\approx 290	\approx 103
CF139	0.50 \pm 0.04	\approx 290	\approx 103	\approx 147	\approx 53
CF139	0.73 \pm 0.05	\approx 200	\approx 72	\approx 100	\approx 36
CF139	1.00 \pm 0.05	\approx 147	\approx 53	\approx 74	\approx 27



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