

PRODUCT DATA SHEET

CORE – PQ5050

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)

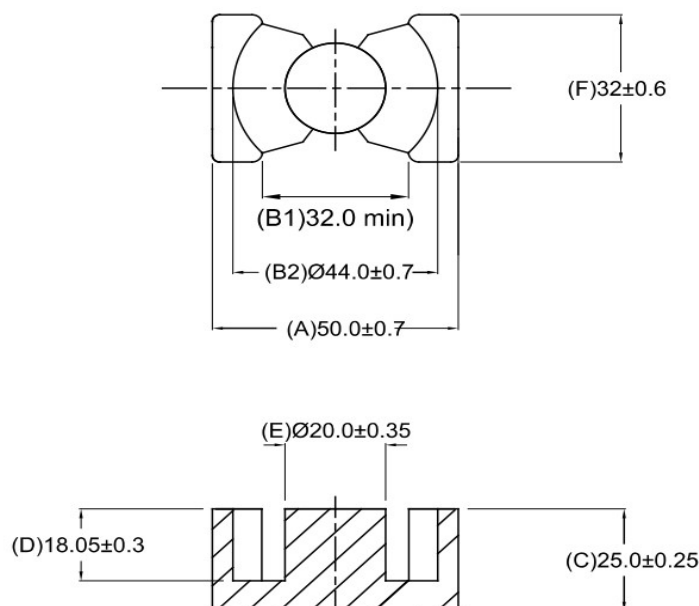
Parameter	Value	Unit
Effective Length (L_e)	113	mm
Effective Area (A_e)	332	mm ²
Effective Area (A_{Min})	314	mm ²
Effective Volume (V_e)	37516	mm ³
Approx. Weight (without gap)	190	g/set



PQ5050 Un-gapped

Test Conditions: 1KHz/150mV/CFR COIL,N=100/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	P_v (W/set)	Ordering code
CF292	1800 $\pm$ 20%	6000 +30%/-20%	$\leq$ 4.45 (100mT,100kHz,100°C)	CF292 PQ5050 OL
CF139	2100 $\pm$ 20%	6200 +30%/-20%	$\leq$ 3.71 (100mT,100kHz,100°C)	CF139 PQ5050 OL
CF297	2300 $\pm$ 20%	6300 +30%/-20%	$\leq$ 3.34 (100mT,100kHz,100°C)	CF297 PQ5050 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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