



PRODUCT DATA SHEET

CORE – PQ3220

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)

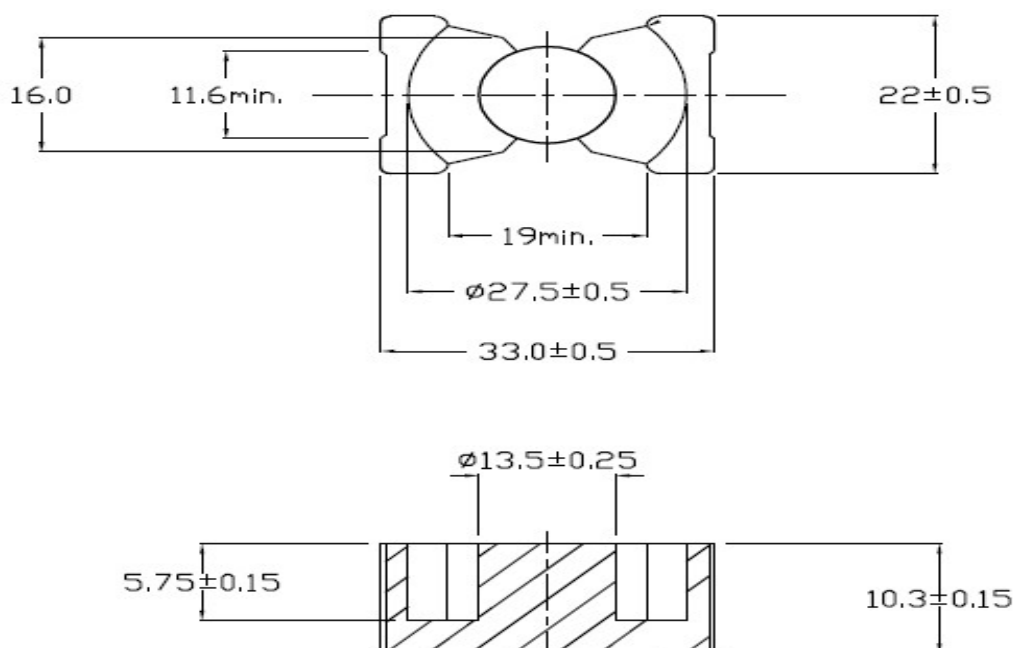
Parameter	Value	Unit
Effective Length (L_e)	55.9	mm
Effective Area (A_e)	169	mm ²
Effective Area (A_{Min})	142	mm ²
Effective Volume (V_e)	9447	mm ³
Approx. Weight (without gap)	44.2	g/set



PQ3220 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
CF292	1800 $\pm$ 20%	5100 +30%/-20%	≤ 1.14 (100mT,100kHz,100°C)	CF292 PQ3220 OL
CF139	2100 $\pm$ 20%	5650 +30%/-20%	≤ 0.95 (100mT,100kHz,100°C)	CF139 PQ3220 OL
CF297	2300 $\pm$ 20%	5800 +30%/-20%	≤ 0.85 (100mT,100kHz,100°C)	CF297 PQ3220 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

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

Regd. Office & Works: Jabli, Distt. Solan, Himachal Pradesh – 173 209 (India)

E-mail: sales@cosmoferrites.com