

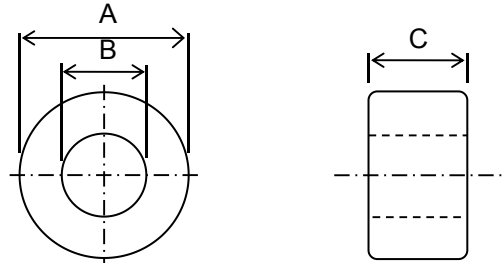
Specification

Customer:

Description	Nanocrystalline Core	File No.	KMN402515	RoHS
Part No.	KMN402515	Date	2016.7.18	

1. Outline drawing (Unit: mm)

A	Φ 43.8	± 0.5
B	Φ 21.6	± 0.5
C	18.8	± 0.5



2. Core material characteristics

Material:	Fe-based nanocrystalline	
Ribbon Thickness δ	25	μm
Density ρ	7.25	g/cm ³
Saturation Flux Density Bs	1.25	T
Curie Temperature Tc	570	°C
Crystallization Temperature Tx	510	°C

3. Core physical parameters

Outer Diameter Od	40.0	mm
Inner Diameter Id	25.0	mm
Height H	15.0	mm
Weight Wt.	64.9	g
Eff.Cross Section area Ae	0.878	cm ²
Mean path lenth Lm	10.205	cm
Windows area Wa	3.662	cm ²
Ae*Wa	3.214	cm ⁴

4. Finished

Finished type: Plastic Case
Color: Black
Material: PBT
Max temperature: 120°C

5. Magnetic propeitics and test data

AL Value: 64.8 μH Min @ 10KHz, 0.25V (μ≥60000)
AL Value: 13 μH Min @ 100KHz, 0.25V (μ≥12000)

Customer's approval:

Design: