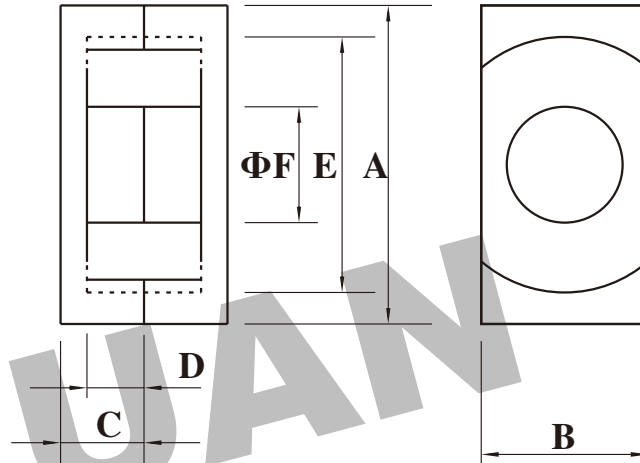


Dimension: (UNIT:mm)

A	40.2 ± 0.5
B	15.5 ± 0.3
C	21.0 ± 0.4
D	15.4 ± 0.3
E	29.4MIN
F	13.3 ± 0.3
G	
H	

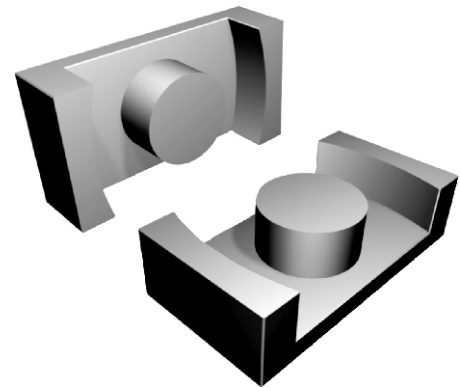


Test conditions

AL: F=1.0KHz U=0.3V N=10Ts

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.5	187.7	93.3	17415	≈50



Core halves

Clamping force for Al measurements, 50+/-20N.
gapped cores are available on request.

Grade	AL (nH)	μ_e	AIR GAP μm	Type number
P3	3300 ± 25%	≈ 1700	≈ 0	EER4042-P3
P4	3300 ± 25%	≈ 1700	≈ 0	EER 4042-P4

Properties of core sets under power conditions

Grade	B (mT) at	Core loss (w) at		
	H=250 A/m F=25KHz T=100°C	F=25 KHz B̂=200mT T=100°C	f=100 KHz B̂=100mT T=100°C	F=100 KHz B̂=200mT T=100°C
P3	≥320	≤ 1.9	≤ 2.0	-
P4	≥320	-	≤ 1.45	≤ 8.9

Note:

- 1: Document is the property of FUAN Inc & is not allow to be duplicated without authorization
- 2: RoHS compliant.