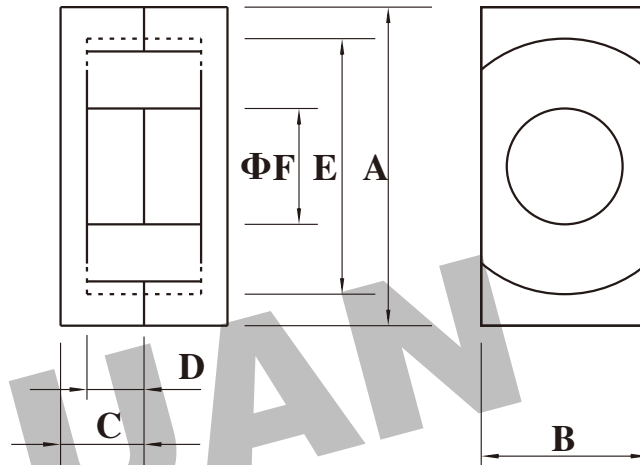


Dimension: (UNIT:mm)

A	53.2 ± 0.8
B	21.5 ± 0.3
C	24.2 ± 0.3
D	16.0 ± 0.3
E	38.7Min
F	20.0 ± 0.3
G	
H	

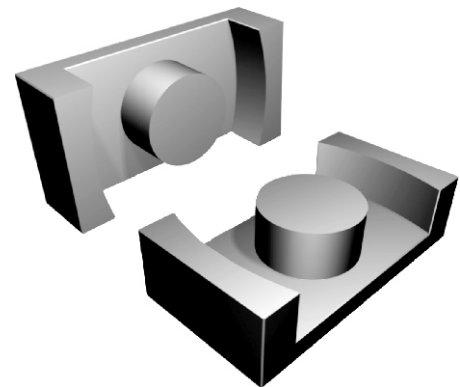


**Test conditions**

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

**Effective parameter**

C1(mm) <sup>-1</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
0.34	319.5	105.9	33828	≈98



**Core halves**

Clamping force for Al measurements, 70+/-20N.  
gapped cores are available on request.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	6200 ± 25%	≈ 1880	≈ 0	EER53-P3
P4	6200 ± 25%	≈ 1880	≈ 0	EER53-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 B=200mT T=100°C	f=100 KHz B=100mT T=100°C	F=100 KHz B=200mT T=100°C
P3	≥ 320	≤ 2.3	≤ 2.4	-
P4	≥ 320	-	≤ 1.6	≤ 10.5

**Note:**

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- 2: RoHS compliant.