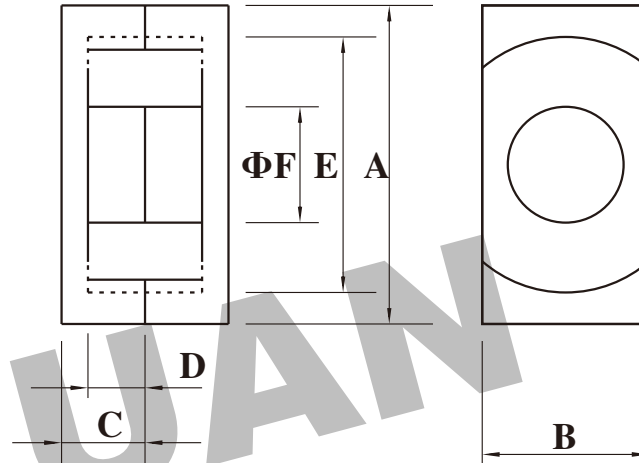


Dimension: (UNIT:mm)

A	49.0 ± 0.8
B	17.0 ± 0.5
C	26.2 ± 0.4
D	18.75 ± 0.25
E	36.5Min
F	17.0 ± 0.5
G	
H	

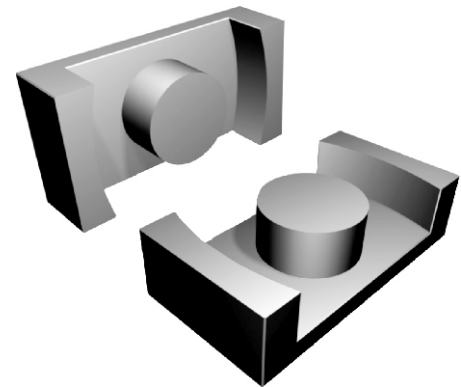


**Test conditions**

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)
0.5	235.8	116	23375	≈70



**Core halves**

Clamping force for Al measurements, 60+/-20N.  
gapped cores are available on request.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	4200 ± 25%	≈ 1880	≈ 0	EER49-P3
P4	4200 ± 25%	≈ 1880	≈ 0	EER49-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	≤ 2.2	≤ 2.3	-
P4	≥ 320	-	≤ 1.5	≤ 10.1

**Note:**

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- 2: RoHS compliant.