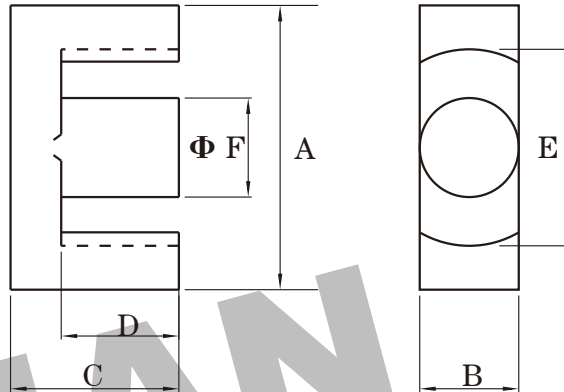


**Dimension: (UNIT:mm)**

A	39.2+0.9
B	12.8-0.6
C	19.8 ± 0.2
D	14.2+0.8
E	29.3MIN
F	12.8-0.6
G	
H	

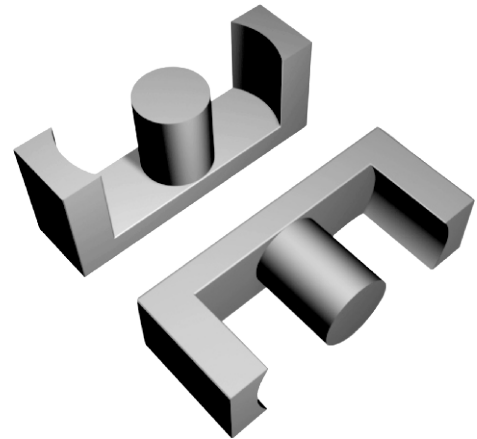


**Test conditions**

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)
0.737	125	92.2	11500	≈30



**Core halves.**

Clamping force for Al measurements, 40+/-20N.  
gapped cores are available on request.

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
P3	3000 ± 25%	≈ 1760	≈ 0	ETD39-P3
P4	3000 ± 25%	≈ 1760	≈ 0	ETD39-P4
HQ2K	2800 ± 25%	≈ 1640	≈ 0	ETD39-HQ2K

**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=200 mT T=100 °C	F=400 KHz B=50mT T=100 °C
P3	≥ 330	≤ 1.4	≤ 1.5	-	-
P4	≥ 330	-	≤ 1.2	≤ 6.0	-
HQ2K	≥ 320	-	≤ 1.4	-	≤ 2.5

**Note:**

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- 2: RoHS compliant.