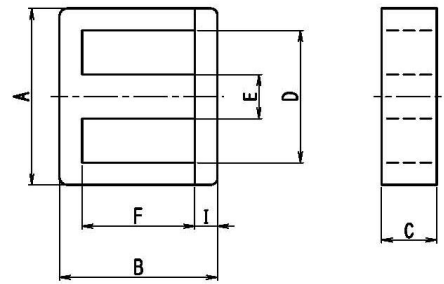


# EI Type Cores

## Ordering Code 品名の構成

**2G8 - EI - 12.5**

Material 材質      Type 形      Diameter 外径(A)



## Dimensions and Effective Parameter 寸法及び磁心の実効定数

Cores 形名	Dimensions(mm) 寸法							Effective Parameter 磁心の実効定数					Weight 重量(g)	Bobbin Available
	A	B	C	D	E	F	I	C1 (mm <sup>2</sup> )	Ae (mm <sup>2</sup> )	le (mm)	Ve (mm <sup>3</sup> )	Aw (mm <sup>2</sup> )		
EI-10	E: 10.0±0.3 I: 10.2±0.3	6.6±0.2	E: 4.9 <sup>+0.3</sup> <sub>-0.3</sub> I: 5.0 <sup>+0.35</sup> <sub>-0.35</sub>	7.7 <sup>+0.3</sup> <sub>-0.3</sub>	2.4±0.2	4.2±0.1	1.0 <sup>+0.2</sup> <sub>-0.2</sub>	1.59	11.0	17.5	192.4	11.4	0.97	
EI-12ZT	12.0±0.3	9.6±0.3	5.0 <sup>+0.4</sup> <sub>-0.4</sub>	8.0±0.3	3.0 <sup>+0.4</sup> <sub>-0.4</sub>	5.6 <sup>+0.3</sup> <sub>-0.3</sub>	2.0±0.1	1.31	16.6	21.7	359.0	14.5	1.9	
EI-12HB	E: 12.2±0.25 I: 12.35±0.25	8.95±0.3	2.8±0.2	9.0±0.25	2.5±0.2	5.15 <sup>±0.15</sup>	1.9±0.15	2.48	8.7	21.5	185.6	16.7	1.2	
EI-12.2	E: 12.2±0.25 I: 12.35±0.25	9.0±0.3	E: 5.3±0.2 I: 5.5±0.2	9.0±0.25	2.5±0.2	5.2±0.15	1.5±0.15	1.32	16.4	21.6	352.7	16.9	2.2	
EI-12.5	E: 12.5±0.2 I: 12.6±0.2	9.1±0.35	5.0±0.2	9.2 <sup>+0.25</sup> <sub>-0.15</sub>	2.5 <sup>+0.1</sup> <sub>-0.2</sub>	5.0±0.15	1.6±0.15	1.36	15.7	21.4	336.9	17.0	1.9	10P
EI-13	13.0±0.3	12.0±0.35	6.3 <sup>+0.3</sup> <sub>-0.3</sub>	10.2±0.2	2.8 <sup>+0.1</sup> <sub>-0.2</sub>	9.2±0.2	1.4±0.15	1.77	17.1	30.2	517.3	34.3	2.5	
EI-14C	13.8±0.2	11.7±0.4	2.7 <sup>+0.1</sup> <sub>-0.2</sub>	9.4±0.2	4.8 <sup>+0.4</sup> <sub>-0.4</sub>	7.0 <sup>+0.3</sup> <sub>-0.3</sub>	2.3±0.2	2.16	12.1	26.1	315.3	16.6	3.4	
EI-16	16.0±0.3	14.3±0.4	5.0 <sup>+0.3</sup> <sub>-0.3</sub>	12.0±0.3	4.2 <sup>+0.4</sup> <sub>-0.4</sub>	10.2 <sup>+0.3</sup> <sub>-0.2</sub>	2.05±0.2	1.78	19.6	34.8	679.6	40.8	3.6	10P
EI-19X12X5	19.0±0.3	11.98±0.3	5.2 <sup>+0.4</sup> <sub>-0.4</sub>	14.5±0.3	4.7 <sup>+0.4</sup> <sub>-0.4</sub>	7.18 <sup>±0.13</sup>	2.4±0.15	1.37	23.1	31.6	731.2	35.9	4.2	
EI-19ZT	19.0±0.3	15.8 <sup>+0.4</sup> <sub>-0.3</sub>	5.2 <sup>+0.4</sup> <sub>-0.4</sub>	14.5±0.3	4.7 <sup>+0.5</sup> <sub>-0.5</sub>	11.0 <sup>+0.3</sup> <sub>-0.2</sub>	2.4±0.2	1.72	22.9	39.4	902.2	55.5	4.2	
EI-19	19.0±0.3	15.9±0.4	5.1 <sup>+0.5</sup> <sub>-0.5</sub>	14.0±0.3	5.1 <sup>+0.5</sup> <sub>-0.5</sub>	11.3±0.3	2.35±0.2	1.68	23.3	39.2	914.2	51.7	4.7	10P
EI-22	22.0±0.4	18.6±0.4	6.0 <sup>+0.6</sup> <sub>-0.6</sub>	14.0±0.3	6.0 <sup>+0.6</sup> <sub>-0.6</sub>	10.6±0.3	4.0±0.2	1.02	39.6	40.2	1592	44.0	8.1	10P
EI-22AT	22.0±0.3	18.8±0.4	5.7±0.2	15.75 <sup>+0.5</sup> <sub>-0.5</sub>	5.7±0.2	10.8±0.2	4.0±0.2	1.15	36.6	42.1	1541	55.6	8.2	10P
EI-25	25.0±0.4	20.0±0.4	6.55±0.3	18.6±0.3	6.55±0.3	13.6±0.25	3.2±0.15	1.17	42.2	49.4	2084	81.9	10.4	8P
EI-25.3	25.3±0.4	18.3±0.4	7.0 <sup>+0.5</sup> <sub>-0.5</sub>	19.3±0.3	6.5±0.25	12.2 <sup>+0.4</sup> <sub>-0.4</sub>	2.9 <sup>+0.3</sup> <sub>-0.3</sub>	1.14	41.3	47.0	1943	79.0	9.9	
EI-25.4	25.4±0.4	19.05±0.5	6.35±0.25	19.0±0.3	6.35±0.3	12.7 <sup>+0.3</sup> <sub>-0.2</sub>	3.2±0.2	1.19	40.4	48.0	1942	80.3	10.1	

## Electrical Characteristics 電気的特性

Cores 形名	AL-Value (nH/N <sup>2</sup> ) Without air gap ギャップなし			
	2G1	2G4	2H5	2G8
EI-10	1500±25%			980±25%
EI-12ZT	2300±25%			1450±25%
EI-12HB				
EI-12.2				1600±25%
EI-12.5	2000±25%		1400±25%	1250±25%
EI-13	2100±25%			1250±25%
EI-14C	1800±25%	1500±25%		1100±25%
EI-16	2100±25%			1250±25%
EI-19X12X5				
EI-19ZT			1800±25%	1270±25%
EI-19	2750±25%			1500±25%
EI-22	4000±25%			2200±25%
EI-22AT	3600±25%	3300±25%		2000±25%
EI-25	4550±25%		2800±25%	2050±25%
EI-25.3				2000±25%
EI-25.4	3400±25%			2200±25%