

TECH ALERT

Magnetics Division

EIR CORES

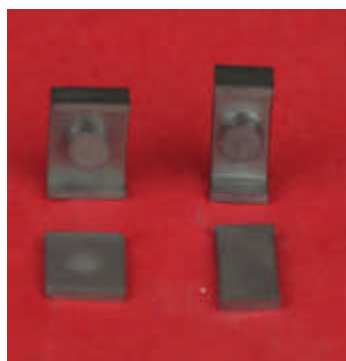
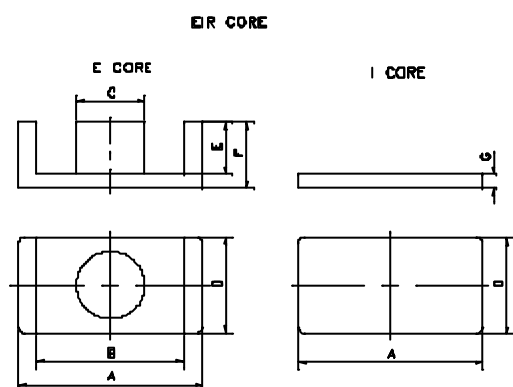
MMG offers EIR cores for SMD transformer applications utilizing power, signal or high permeability ferrite materials. The cores can be supplied ungapped, or gapped to suit specific requirements.

FEATURES

- Very low total height
- Low stray inductance
- High DC magnetic bias

APPLICATIONS

- Low power DC-DC converters
- Pulse transformers



CORE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
EIR12/3.4	12.00±0.25	10.00±0.25	4.80±0.10	9.00±0.20	2.40±0.10	3.40±0.10	1.00±0.05
EIR12/4.0	12.00±0.25	10.00±0.25	4.80±0.10	9.00±0.20	3.00±0.10	4.00±0.10	1.00±0.05
EIR14.5/6	14.50±0.20	11.80±0.20	4.70±0.10	6.70±0.10	2.80±0.10	4.10±0.10	1.30±0.20

CORE	MATERIAL	ALVALUE	TOLERANCE	PART NUMBER
EIR12/3.4	F48	1800	+25/-25 %	C86-S0000-X18
EIR12/3.4	HK500	1700	+25/-25 %	C86-S0000-X10
EIR12/4.0	F48	1500	+25/-25 %	C87-S0000-X18
EIR12/4.0	HK500	1400	+25/-25 %	C87-S0000-X10
EIR14.5/6	F48	160	+3/-3 %	C88-A0160-X18

