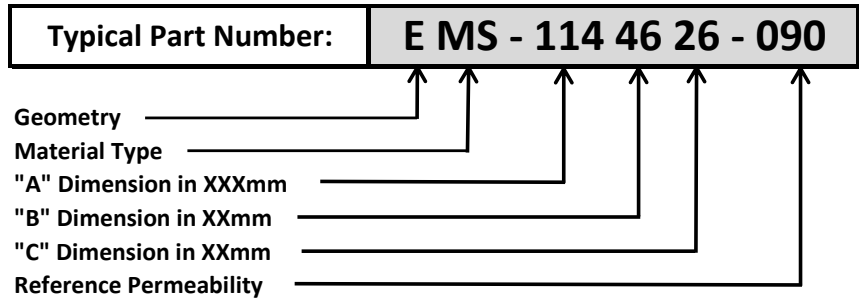
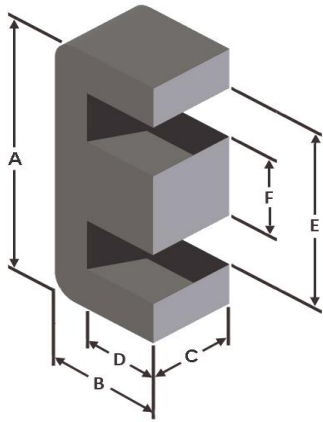


114.0 mm/4.488 in. E-Core



Physical Dimensions

A	114 ± 1.70 mm	4.488 ± 0.067 in
B	46.2 ± 0.69 mm	1.819 ± 0.027 in
C	26.2 ± 0.58 mm	1.031 ± 0.023 in
D	28.6 mm (min.)	1.126 in (min.)
E	79.3 mm (min.)	3.122 in (min.)
F	34.9 ± 0.69 mm	1.374 ± 0.027 in

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	9.20 cm ²
Le	Effective Magnetic Path Length	22.9 cm
Ve	Effective Core Volume	211 cm ³
WA	Minimum Effective Window Area	12.5 cm ²
SA	Surface Area	379 cm ²
MLT	Mean Length Per Turn	21.1 cm

Permeability

Part Numbers

Reference Permeability	A _L Value (nH/N ²)	MS Sendust	FluxSan™ Silicon Iron
14μ	N/A		
26μ	182	EMS-1144626-026	EFS-1144626-026
40μ	N/A		
60μ	354	EMS-1144626-060	EFS-1144626-060
75μ	N/A		
90μ	505	EMS-1144626-090	
Approximate Unit Weight:		580 g/half	690 g/half

Test Conditions

Winding	N=100, #14 AWG
Frequency	10 kHz
Voltage	4.1 V
A_L Tolerance	±8%

Coating/Packaging Information

Coating Type	None
Voltage Breakdown	N/A
Limit	N/A
Package Quantity	24 Halves/Box

Winding Table

Wire Size	AWG	8	10	12	14	16	18	20	22	24	26	28
	mm	3.150	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315
Full Winding	Turns	67	104	161	250	387	599	927	1,434	2,220	3,436	5,317
	Rdc(Ω)	29.1 m	71.8 m	176.7 m	436.3 m	1.1	2.6	6.5	16.0	39.4	97.0	238.8