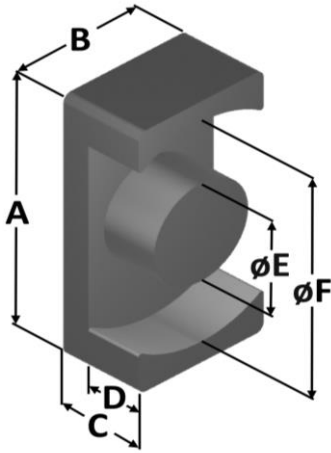


26.5 mm/1.043 in. EQ-Core



Typical Part Number: EQ FS - 265 190 063 - 026

Geometry → EQ
 Material Type (FS, HF, MS) → FS
 "A" Dimension in XX.Xmm → 265
 "B" Dimension in XX.Xmm → 190
 "C" Dimension in XX.Xmm → 063
 Reference Permeability → 026

Physical Dimensions

A	26.5 ± 0.30 mm	1.043 ± 0.012 in
B	19 ± 0.20 mm	0.748 ± 0.008 in
C	6.3 ± 0.20 mm	0.248 ± 0.008 in
D	2.7 mm (min.)	0.106 in (min.)
E	12 ± 0.20 mm	0.472 ± 0.008 in
F	22.3 mm (min.)	0.878 in (min.)

Magnetic Dimensions

Ae	Effective Magnetic Cross Section	1.20 cm ²
Le	Effective Magnetic Path Length	3.95 cm
Ve	Effective Core Volume	4.73 cm ³
WA	Minimum Effective Window Area	0.273 cm ²
SA	Surface Area	21.0 cm ²
MLT	Mean Length Per Turn	5.39 cm

Permeability

Part Numbers

Reference Permeability	A _l Value (nH/N ²)	MS Sendust	Hi-Flux™ Nickel Iron	FluxSan™ Silicon Iron
26μ	99	EQMS-265190063-026	EQHF-265190063-026	EQFS-265190063-026
40μ	152	EQMS-265190063-040	EQHF-265190063-040	EQFS-265190063-040
60μ	228	EQMS-265190063-060	EQHF-265190063-060	EQFS-265190063-060
Approximate Unit Weight:		12 g/half	16 g/half	15 g/half

Test Conditions

Winding	N=10, #26 AWG
Frequency	10 kHz
Voltage	0.053 V
A_l Tolerance	±12%

Coating/Packaging Information

Coating Type	None
Voltage Breakdown	N/A
Limit	N/A
Package Quantity	960 Pcs/Box

Winding Table

Wire Size	AWG	18	20	22	24	26	28	30	32	34	36	38
	mm	1.000	0.800	0.630	0.500	0.400	0.315	0.250	0.200	0.160	0.125	0.100
Full Winding	Turns	13	20	31	48	75	116	179	278	430	665	1,030
	Rdc(Ω)	14.7 m	35.9 m	88.4 m	217.6 m	540.8 m	1.3	3.3	8.1	19.8	48.8	120.2