

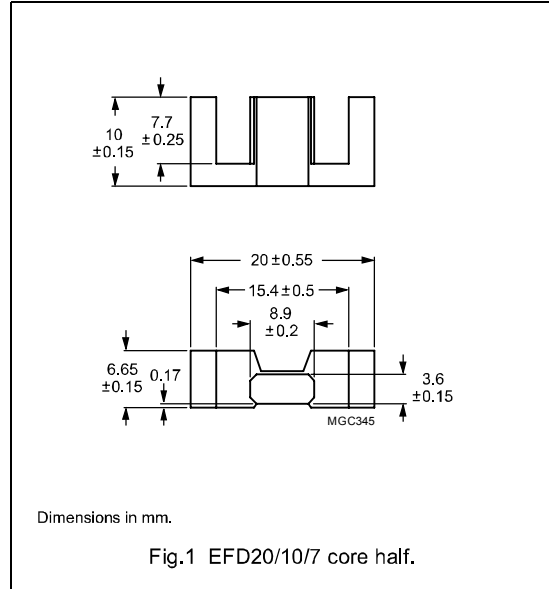
EFD cores and accessories

EFD20/10/7

CORES

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(I/A)$	core factor (C1)	1.52	mm ⁻¹
V_e	effective volume	1460	mm ³
l_e	effective length	47.0	mm
A_e	effective area	31.0	mm ²
A_{min}	minimum area	29	mm ²
m	mass of core half	≈ 3.5	g



Core halves

A_L measured in combination with a non-gapped core half, clamping force for A_L measurements 20 ± 10 N, unless stated otherwise.

GRADE	A_L (nH)	μ_e	TOTAL AIR GAP (μm)	TYPE NUMBER
3C90	63 ± 3% ⁽¹⁾	≈ 76	≈ 960	EFD20/10/7-3C90-E63
	100 ± 3%	≈ 121	≈ 510	EFD20/10/7-3C90-A100
	160 ± 5%	≈ 193	≈ 280	EFD20/10/7-3C90-A160
	250 ± 8%	≈ 302	≈ 160	EFD20/10/7-3C90-A250
	315 ± 10%	≈ 380	≈ 120	EFD20/10/7-3C90-A315
	1300 ± 25%	≈ 1570	≈ 0	EFD20/10/7-3C90
3C94	63 ± 3% ⁽¹⁾	≈ 76	≈ 960	EFD20/10/7-3C94-E63
	100 ± 3%	≈ 121	≈ 510	EFD20/10/7-3C94-A100
	160 ± 5%	≈ 193	≈ 280	EFD20/10/7-3C94-A160
	250 ± 8%	≈ 302	≈ 160	EFD20/10/7-3C94-A250
	315 ± 10%	≈ 380	≈ 120	EFD20/10/7-3C94-A315
	1300 ± 25%	≈ 1570	≈ 0	EFD20/10/7-3C94
3C95 des	1540 ± 25%	≈ 1865	≈ 0	EFD20/10/7-3C95
3C96 des	1200 ± 25%	≈ 1450	≈ 0	EFD20/10/7-3C96
3F3	63 ± 3% ⁽¹⁾	≈ 76	≈ 960	EFD20/10/7-3F3-E63
	100 ± 3%	≈ 121	≈ 510	EFD20/10/7-3F3-A100
	160 ± 5%	≈ 193	≈ 280	EFD20/10/7-3F3-A160
	250 ± 8%	≈ 302	≈ 160	EFD20/10/7-3F3-A250
	315 ± 10%	≈ 380	≈ 120	EFD20/10/7-3F3-A315
	1200 ± 25%	≈ 1450	≈ 0	EFD20/10/7-3F3