



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	8.1±0.2	8.0max	5.4max	2.25±0.2	0.95±0.15

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA0854A-3R3M-F	3.3	8.0	8.0	9.0	10.0
DCYA0854A-4R7M-F	4.7	5.7	10.0	17.0	20.0
DCYA0854A-100M-F	10.0	2.8	8.0	50.0	55.0
DCYA0854A-150M-F	15.0	2.5	6.0	64.0	71.0
DCYA0854A-220M-F	22.0	2.0	3.8	100.0	110.0
DCYA0854A-470M-F	47.0	1.8	3.2	145.0	160.0
DCYA0854A-101M-F	100.0	1.5	2.7	240.0	265.0

Inductance (L0) Test Parameters: 100KHz, 0.25V_{rms}, 0.0A_{dc}, +25° C

I_{rms}: DC current for an approximate temperature rise of 40° C without core loss

DC current for approximately 30% rolloff at +25° C

Temperature grade -55°C-155°C