



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	8.1±0.3	8.0max	5.4max	R22:2.7±0.2 R47, R68:1.8±0.2	1.9±0.15

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA0854A-R22M-C	0.22	28.0	50.0	0.9	1.2
DCYA0854A-R47M-C	0.47	19.0	26.0	2.1	2.8
DCYA0854A-R68M-C	0.68	17.0	22.0	2.7	3.5

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