



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	7.0±0.3	6.6±0.2	3.0max	PN R22:2.5±0.2 PN R15, R33~330:2.9±0.2	1.35±0.2

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC0730A-R15M-C	0.15	27	30	1.03	1.3
DCYC0730A-R22M-C	0.22	23.2	32	1.8	2.3
DCYC0730A-R33M-C	0.33	21	23	2.9	3.5
DCYC0730A-R47M-C	0.47	15.5	17	3.7	4.14
DCYC0730A-R56M-C	0.56	16	12	3.8	4.5
DCYC0730A-R68M-C	0.68	13.5	13	4.8	5.5
DCYC0730A-R82M-C	0.82	11.4	14	5.7	6.6
DCYC0730A-1R0M-C	1	11.3	9	6.5	7.8
DCYC0730A-1R2M-C	1.2	9.3	12	8.6	9.9
DCYC0730A-1R5M-C	1.5	9.1	10	9.5	11.5
DCYC0730A-2R2M-C	2.2	8.2	8.5	12.5	15.5
DCYC0730A-3R3M-C	3.3	5.6	7.5	24.5	28.5
DCYC0730A-4R7M-C	4.7	4.2	6.8	40.3	46.5
DCYC0730A-6R8M-C	6.8	3.8	5.6	54	65
DCYC0730A-8R2M-C	8.2	3.9	4.8	53	64
DCYC0730A-100M-C	10	3.5	4.4	65	75
DCYC0730A-150M-C	15	2.8	3.6	96	110
DCYC0730A-220M-C	22	2.3	2.9	135	149
DCYC0730A-330M-C	33	1.8	2.3	200	242

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