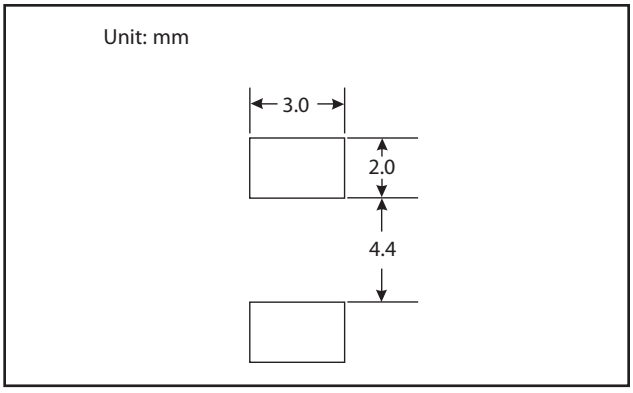
02-073F Series

From 1.0 µH to 1,000 µH

CHARACTERISTICS

Description: SMD (shielded) power inductor
Applications: Ideal for a variety of DC/DC converter applications and low profile use
Operating Temperature: -30°C to +100°C
Inductance Tolerance: ±20%
Testing: Inductance is tested on an HP4285A at 100kHz
Packaging: Tape & Reel
Marking: Parts are marked with inductance code
Miscellaneous: RoHS Compliant. Magnetically shielded
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

PAD LAYOUT



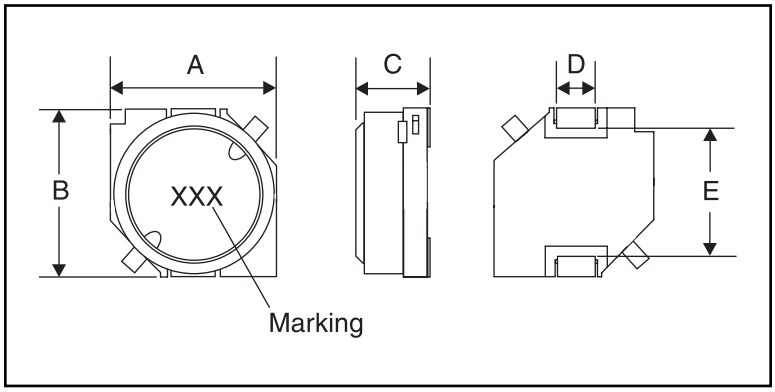
SPECIFICATIONS

Parts are available in a ±20% inductance tolerance only.

Part Number	Inductance (µH)	L Test Freq. (kHz)	DCR Max. (Ω)	Rated DC (A)
02-073F-1R0M	1.0	100	0.019	3.12
02-073F-1R5M	1.5	100	0.023	2.85
02-073F-1R8M	1.8	100	0.028	2.66
02-073F-2R2M	2.2	100	0.028	2.66
02-073F-2R7M	2.7	100	0.030	2.40
02-073F-3R3M	3.3	100	0.035	2.26
02-073F-4R7M	4.7	100	0.043	1.96
02-073F-5R6M	5.6	100	0.050	1.80
02-073F-6R8M	6.8	100	0.055	1.76
02-073F-8R2M	8.2	100	0.065	1.50
02-073F-100M	10	100	0.080	1.35
02-073F-120M	12	100	0.090	1.23
02-073F-150M	15	100	0.120	1.09
02-073F-180M	18	100	0.130	0.99
02-073F-220M	22	100	0.150	0.90
02-073F-270M	27	100	0.210	0.81
02-073F-330M	33	100	0.250	0.72
02-073F-390M	39	100	0.310	0.67
02-073F-470M	47	100	0.350	0.60
02-073F-560M	56	100	0.430	0.55
02-073F-680M	68	100	0.520	0.50
02-073F-820M	82	100	0.600	0.46
02-073F-101M	100	100	0.790	0.41
02-073F-121M	120	100	0.804	0.35
02-073F-151M	150	100	1.100	0.30
02-073F-181M	180	100	1.250	0.28
02-073F-221M	220	100	1.560	0.25
02-073F-271M	270	100	1.830	0.24
02-073F-331M	330	100	2.900	0.23
02-073F-391M	390	100	3.300	0.22
02-073F-471M	470	100	3.600	0.21
02-073F-561M	560	100	4.100	0.19
02-073F-681M	680	100	4.600	0.18
02-073F-821M	820	100	5.900	0.12
02-073F-102M	1000	100	7.020	0.10

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E Max.
mm	7.4	7.4	3.5	2.0±0.2	5.4
inches	0.29	0.29	0.14	0.08±0.008	0.213



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