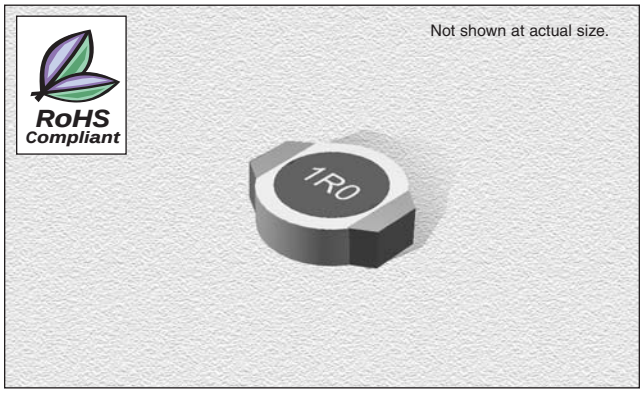
CTDO1606TF Series

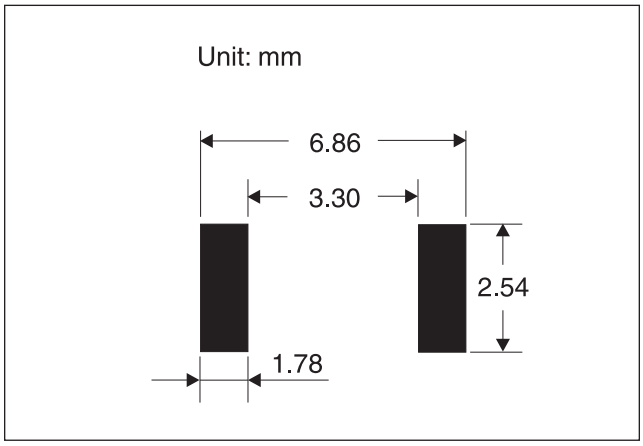
From 1.0 µH to 1,000 µH



CHARACTERISTICS

Description: SMD power inductor
Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters. Used in limited spaces and ultra-low profiles
Operating Temperature: -40°C to +85°C
Inductance Tolerance: ±10%, ±20%
Inuctance Drop: 10% typ. at Isat
Temp. Rise: ΔT = 30°C rise at Irms
Testing: Inductance is tested on an HP4285A at 100 kHz
Packaging: Tape & Reel
Marking: Parts are marked with the appropriate inductance code
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

PAD LAYOUT



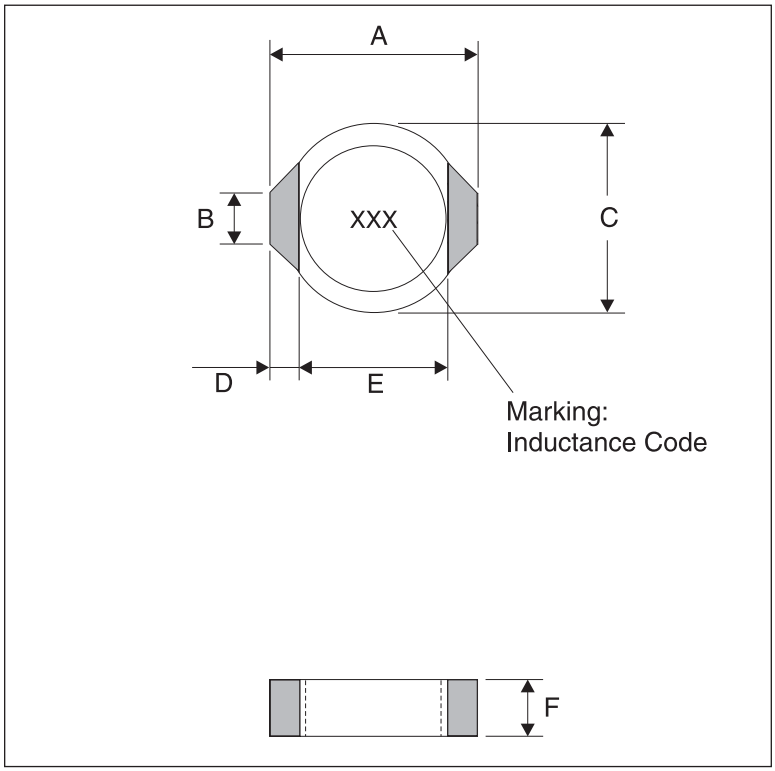
SPECIFICATIONS

Please specify tolerance code when ordering.
CTDO1606TF-102__ ← K = ±10% M = ±20%

Part Number	Inductance (µH)	L Test Freq. (kHz)	DCR Max. (Ω)	SRF Ref. (MHz)	Isat (A)	Irms (A)
CTDO1606TF-102_	1.0	100	.05	230	2.25	2.3
CTDO1606TF-152_	1.5	100	.06	180	1.98	2.1
CTDO1606TF-222_	2.2	100	.07	140	1.62	1.7
CTDO1606TF-332_	3.3	100	.10	110	1.26	1.3
CTDO1606TF-472_	4.7	100	.12	100	1.08	1.1
CTDO1606TF-682_	6.8	100	.19	80	0.99	1.0
CTDO1606TF-103_	10	100	.30	60	0.90	0.90
CTDO1606TF-153_	15	100	.40	45	0.72	0.70
CTDO1606TF-223_	22	100	.54	35	0.54	0.50
CTDO1606TF-333_	33	100	.74	30	0.45	0.45
CTDO1606TF-473_	47	100	1.1	22	0.40	0.40
CTDO1606TF-683_	68	100	1.6	20	0.31	0.35
CTDO1606TF-104_	100	100	2.3	15	0.27	0.30
CTDO1606TF-154_	150	100	3.2	10	0.22	0.25
CTDO1606TF-224_	220	100	5.7	9	0.16	0.18
CTDO1606TF-334_	330	100	8.2	8	0.14	0.16
CTDO1606TF-474_	470	100	10.8	7	0.12	0.12
CTDO1606TF-684_	680	100	17.2	5	0.10	0.10
CTDO1606TF-105_	1000	100	22.6	4	0.07	0.08

PHYSICAL DIMENSIONS

Size	A Max.	B	C Max.	D	E	F Max.
mm	6.5	2.0	5.6	1.0	4.3	2.0
inches	0.26	0.08	0.22	0.04	0.17	0.08



Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids
800-684-5322 Inside US **949-453-1811** Outside US
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