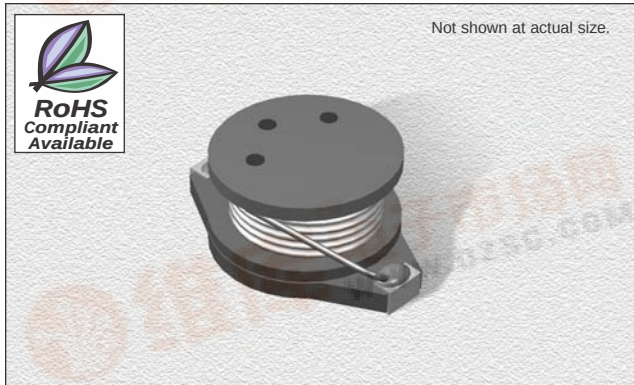


查询"CTDO5022P-102"供应商

CTDO5022 Series

From 1.0 μH to 1,000 μH

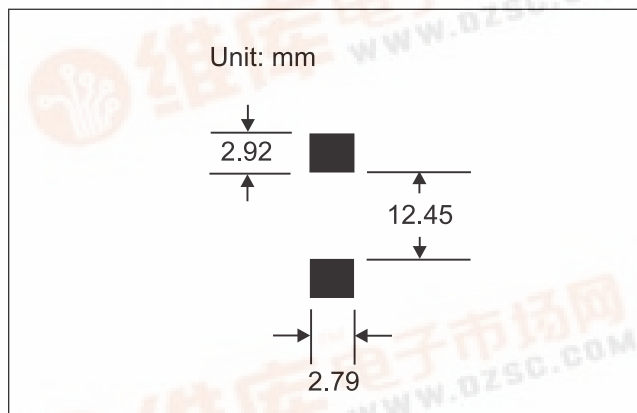
ENGINEERING KIT #11



CHARACTERISTICS

Description: SMD power inductor**Applications:** DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops. Designed for the higher current requirements of portable computers**Operating Temperature:** -40°C to +85°C**Inductance Tolerance:** $\pm 20\%$ **Inductance Drop:** 10% typically at I_{sat} **Testing:** Inductance is tested on an HP4285A at 100 kHz**Packaging:** Tape & Reel**Marking:** Color dots OR Inductance code**Miscellaneous:** RoHS Compliant available**Additional Information:** Additional electrical & physical information available upon request**Samples available.** See website for ordering information.

PAD LAYOUT



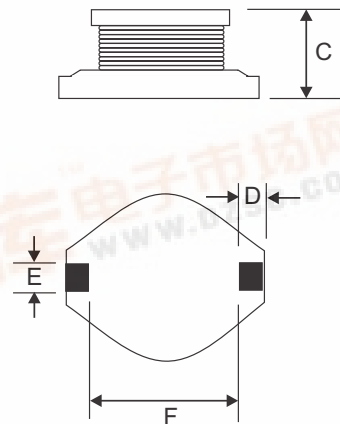
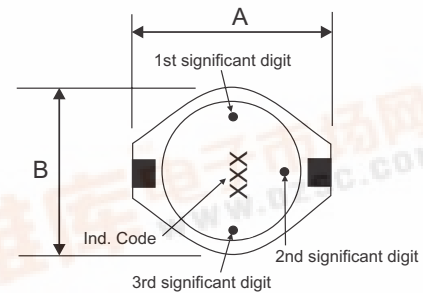
SPECIFICATIONS

Parts are available in $\pm 20\%$ inductance tolerance only.
CTDO5022PE Please specify "F" for RoHS Compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	SRF Typ. (MHz)	DCR $\pm 15\%$ (Ω)	I_{sat} (A)	I_{rms} (A)
CTDO5022P_-102	1.0	100	80	.011	20	8.6
CTDO5022P_-222	2.2	100	80	.014	16	7.1
CTDO5022P_-332	3.3	100	60	.016	14	6.2
CTDO5022P_-562	5.6	100	40	.022	12	5.3
CTDO5022P_-103	10	100	30	.032	10	4.3
CTDO5022P_-153	15	100	22	.036	8.0	4.0
CTDO5022P_-223	22	100	20	.047	7.0	3.5
CTDO5022P_-333	33	100	15	.066	5.5	3.0
CTDO5022P_-473	47	100	9	.087	4.5	2.6
CTDO5022P_-683	68	100	8	.13	3.5	2.3
CTDO5022P_-104	100	100	7	.19	3.0	1.8
CTDO5022P_-154	150	100	6	.25	2.6	1.5
CTDO5022P_-224	220	100	5	.38	2.4	1.2
CTDO5022P_-334	330	100	4	.56	1.9	1.0
CTDO5022P_-474	470	100	3	.85	1.4	.82
CTDO5022P_-684	680	100	2.5	1.2	1.2	.72
CTDO5022P_-105	1000	100	2	1.8	1.0	.56

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	18.54	15.24	7.11	2.54	2.54	12.7
inches	0.73	0.6	0.28	0.1	0.1	0.5

Parts will be marked with
Significant Digit Dots OR Inductance Code

02.02.06

Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

800-684-5322 Inside US

949-453-1811 Outside US

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