

查询"CTCDRH2D11E-470N"供应商

CTCDRH2D11 Series

From 1.5 μH to 47 μH 

CHARACTERISTICS

Description: SMD (shielded) power inductor**Applications:** Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.**Operating Temperature:** -30°C to +100°C**Saturation Current:** The current when the inductance becomes 35% lower than its nominal value. ($T_a=20^\circ\text{C}$)**Temp. Rise Current (Typ.):** The actual current when the temp. of coil becomes $\Delta T=40^\circ\text{C}$. ($T_a=20^\circ\text{C}$)**Inductance Tolerance:** $\pm 30\%$ **Testing:** Tested on a HP4285A at 100 KHz , 0.25Vrms , 0Adc**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code.**Miscellaneous:** RoHS Compliant available**Additional Information:** Additional electrical & physical information available upon request**Samples available. See website for ordering information.**

SPECIFICATIONS

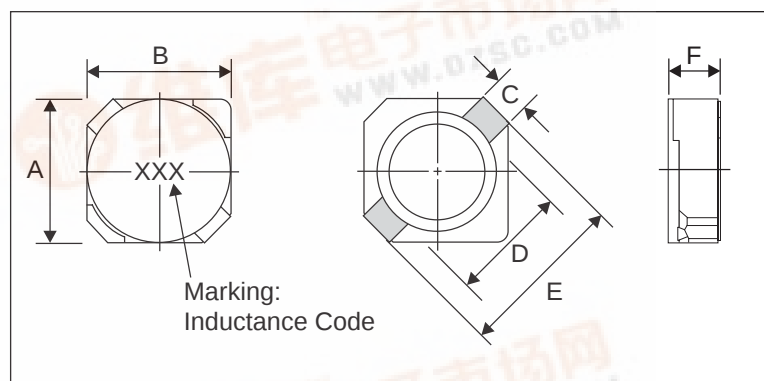
Part are available in $\pm 30\%$ tolerance only

CTCDRH2D11E Please specify "F" for RoHS Compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (m Ω)	Saturation Current (A)	Temp. Rise Current Typ. (A)
CTCDRH2D11_-1R5N	1.5	100	95	0.90	1.45
CTCDRH2D11_-2R2N	2.2	100	121	0.64	1.27
CTCDRH2D11_-3R3N	3.3	100	160	0.60	1.02
CTCDRH2D11_-4R7N	4.7	100	206	0.50	0.88
CTCDRH2D11_-6R8N	6.8	100	304	0.40	0.80
CTCDRH2D11_-100N	10	100	470	0.34	0.60
CTCDRH2D11_-120N	12	100	512	0.30	0.50
CTCDRH2D11_-150N	15	100	610	0.24	0.48
CTCDRH2D11_-180N	18	100	691	0.23	0.46
CTCDRH2D11_-220N	22	100	843	0.22	0.43
CTCDRH2D11_-330N	33	100	1460	0.21	0.32
CTCDRH2D11_-470N	47	100	2250	0.20	0.30

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C	D	E	F Max.
mm	3.2	3.2	1.0	2.1	4.3	1.3
inches	0.126	0.126	0.04	0.08	0.169	0.051



PAD LAYOUT

