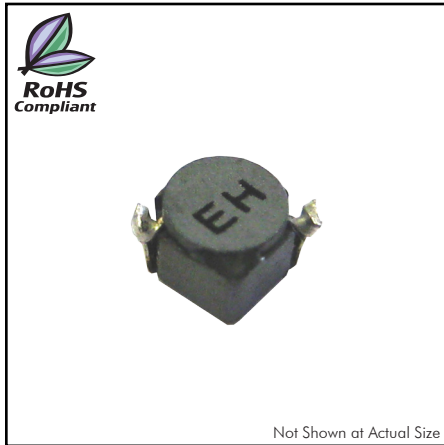


CTCDRH2D18/LDF Series

From 2.2 μ H to 47 μ H



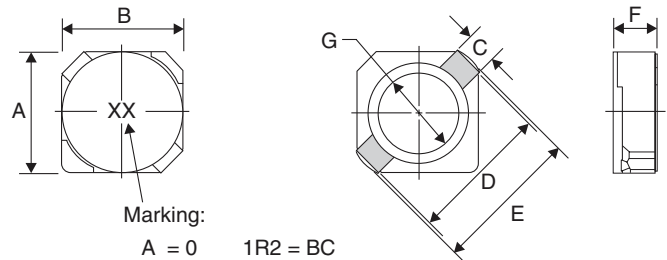
SPECIFICATIONS

Please specify inductance tolerance code when ordering.
CTCDRH2D18/LDF-2R2 ← M = $\pm 20\%$, N = $\pm 30\%$

Inductance Number	Freq. (μ H)	L Test Max. (kHz)	DCR Max. (m Ω)	Rated DC Current (mA)	I _{rms} Typ. (mA)
CTCDRH2D18/LDF-2R2	2.2	100	41	850	2300
CTCDRH2D18/LDF-3R3	3.3	100	54	750	2100
CTCDRH2D18/LDF-4R7	4.7	100	78	630	1650
CTCDRH2D18/LDF-6R8	6.8	100	106	520	1320
CTCDRH2D18/LDF-100	10	100	180	430	1000
CTCDRH2D18/LDF-150	15	100	220	350	800
CTCDRH2D18/LDF-220	22	100	320	300	680
CTCDRH2D18/LDF-330	33	100	460	240	560
CTCDRH2D18/LDF-470	47	100	660	200	480

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C	D	E Max.	F Max.	G
mm	3.2	3.2	1.0	3.3	4.5	2.0	2.1
inches	0.126	0.126	0.04	0.13	0.18	0.078	0.08



Marking:

A = 0	1R2 = BC
B = 1	1R5 = BF
C = 2	1R8 = BI
D = 3	2R2 = CC
E = 4	2R7 = CH
F = 5	3R3 = DD
G = 6	3R9 = DJ
H = 7	4R7 = EH
I = 8	5R6 = FG
J = 9	6R8 = GI
K = 10	100 = KA
M = 15	150 = MA
L = 22	220 = LA
N = 33	330 = NA
O = 47	470 = OA

CHARACTERISTICS

Description: SMD (shielded) power inductor

Applications: Power supplies OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Operating Temperature: -30°C to +100°C

Rated DC Current: Inductance drop = 35% typ.

I_{rms}: $\Delta T = 40^\circ\text{C}$

Inductance Tolerances: $\pm 20\%$, $\pm 30\%$

Testing: Tested on an HP4285A at 100kHz, 0.25Vrms, 0Adc

Packaging: Tape & Reel

Marking: Parts are marked with letter identifiers

Miscellaneous: RoHS Compliant.

Additional information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT

