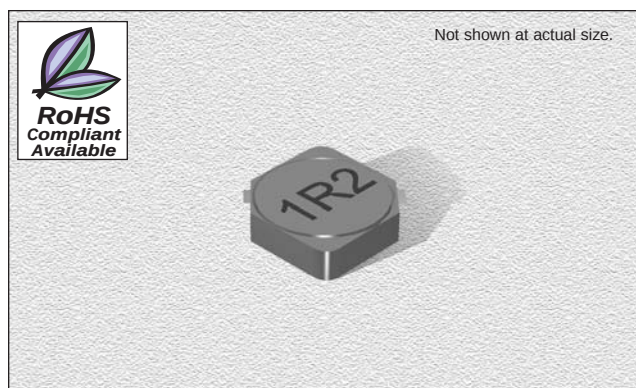


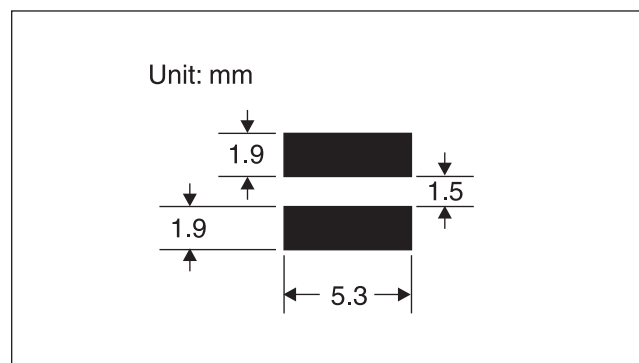
CTCDRH4D28 Series

From 1.2 μH to 390 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**Inductance Tolerance:** $\pm 30\%$ **Testing:** Tested on a HP4285A at specified frequency**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code**Rated DC Current:** Indicates the current when the inductance decreases to 65% more than its nominal value and temperature rising $\Delta T = 40^\circ\text{C}$ lower at D.C. superposition.**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 $\pm 30\%$ tolerance only.

CTCDRH4D28E Please specify "F" for RoHS Compliant

Part Number	Inductance @ 0.25Vrms, 0A dc ($\mu\text{H} \pm 30\%$)	L Test Freq. (kHz)	DCR Max. (m Ω)	Rated DC Current (A)
CTCDRH4D28 -1R2N	1.2	100	23.6	2.56
CTCDRH4D28 -1R8N	1.8	100	27.5	2.20
CTCDRH4D28 -2R2N	2.2	100	31.3	2.04
CTCDRH4D28 -2R7N	2.7	100	43.3	1.60
CTCDRH4D28 -3R3N	3.3	100	49.2	1.57
CTCDRH4D28 -3R9N	3.9	100	64.8	1.44
CTCDRH4D28 -4R7N	4.7	100	72.0	1.32
CTCDRH4D28 -5R6N	5.6	100	100.9	1.17
CTCDRH4D28 -6R8N	6.8	100	108.9	1.12
CTCDRH4D28 -8R2N	8.2	100	117.5	1.04
CTCDRH4D28 -100N	10	100	128.5	1.00
CTCDRH4D28 -120N	12	100	131.6	0.84
CTCDRH4D28 -150N	15	100	149.0	0.76
CTCDRH4D28 -180N	18	100	166.0	0.72
CTCDRH4D28 -220N	22	100	235.0	0.70
CTCDRH4D28 -270N	27	100	261.0	0.58
CTCDRH4D28 -330N	33	100	378.0	0.56
CTCDRH4D28 -390N	39	100	383.7	0.50
CTCDRH4D28 -470N	47	100	587.0	0.48
CTCDRH4D28 -560N	56	100	624.5	0.41
CTCDRH4D28 -680N	68	100	699.0	0.35
CTCDRH4D28 -820N	82	100	914.8	0.32
CTCDRH4D28 -101N	100	100	1020.0	0.29
CTCDRH4D28 -121N	120	100	1270.0	0.27
CTCDRH4D28 -151N	150	100	1350.0	0.24
CTCDRH4D28 -181N	180	100	1540.0	0.22
CTCDRH4D28 -221N	220	100	1720.0	0.22
CTCDRH4D28 -271N	270	100	1950.0	0.16
CTCDRH4D28 -331N	330	100	2660.0	0.14
CTCDRH4D28 -391N	390	100	2830.0	0.13

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	4.7 $\pm$ 0.3	4.7 $\pm$ 0.3	4.5	1.5	4.5	3.0
inches	0.19 $\pm$ 0.01	0.19 $\pm$ 0.01	0.177	0.06	0.177	0.12

