

CTDA14AF Series

From 10 μ H to 33 μ H

SPECIFICATIONS

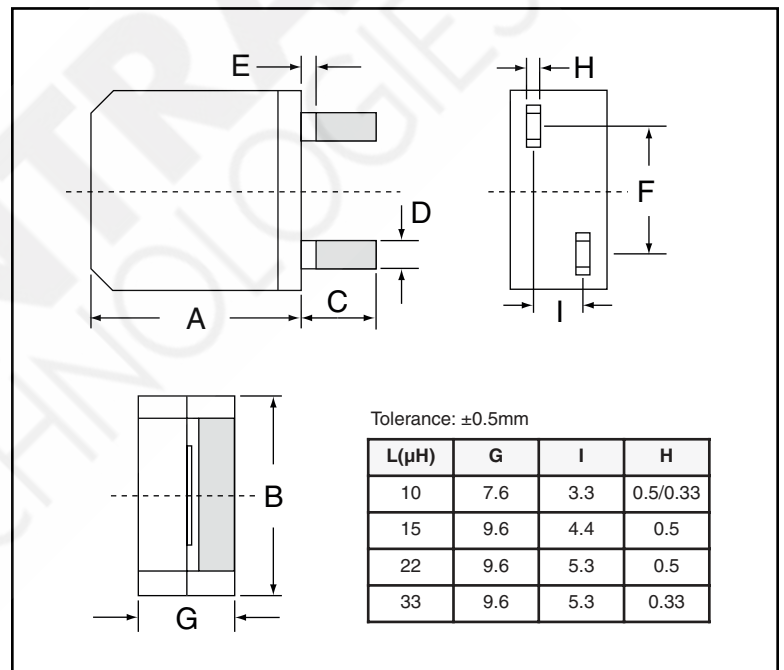
Parts are available in $\pm 20\%$ inductance tolerance only.
 *Rated DC Current: Inductance drift is within -25% at the superposition.
 **Allowable Current: A rise in temp. of surface core within 40°C.

Part Number	Inductance (μ H $\pm 20\%$)	L Test Freq. (kHz)	DCR Max. (m Ω)	*Rated DC Current (A)	**Allowable DC Current (A)
CTDA14AF-100M	10	1.0	5.9	8.3	7.8
CTDA14AF-150M	15	1.0	8.3	7.5	7.3
CTDA14AF-220M	22	1.0	10.0	7.0	6.6
CTDA14AF-330M	33	1.0	17.5	6.1	5.1



PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
	Max.				Max.	
mm	16.0	14.0 \pm 0.5	5.0 \pm 1.0	1.8 \pm 0.5	1.0	9.2 \pm 0.5
inches	0.63	0.55 \pm 0.02	0.2 \pm 0.039	0.071 \pm 0.02	0.039	0.36 \pm 0.02



CHARACTERISTICS

Description: Inductor for digital amplifier LPF
Applications: Suitable as choke coil for digital amplifier. Audio, DVD 5.1ch home theater, AV amplifier, LCD, PDP. Usable as a choke coil for power supplies, etc.
Features: Compact and low-profile. Output 85W. Magnetically shielded structure and low DC resistance. High sound quality. Low electromagnetic interface. Low resistance and high current.
Inductance Tolerance: $\pm 20\%$
Testing: Tested on a HP4284A at 1.0kHz
Packaging: Bulk
Marking: Parts are marked with inductance code
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.