

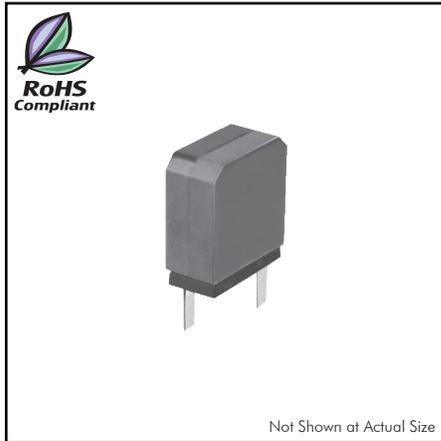
## CTDA13AF Series

From 10 $\mu$ H to 33 $\mu$ H

### SPECIFICATIONS

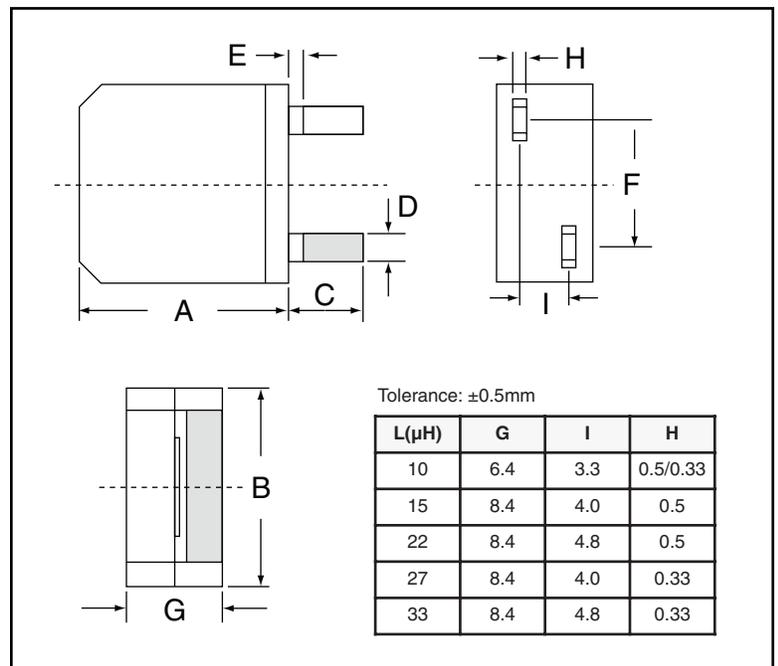
Parts are available in  $\pm 20\%$  inductance tolerance only.  
 \*Rated D.C. Current: Inductance drift is within -25% at the superposition.  
 \*\*Allowable Current: A rise in temp. of surface core within 40°C.

Part Number	Inductance ( $\mu$ H $\pm 20\%$ )	L Test Freq. (kHz)	DCR Max. (m $\Omega$ )	*Rated DC Current (A)	**Allowable DC Current (A)
CTDA13AF-100M	10	1.0	5.4	6.0	8.0
CTDA13AF-150M	15	1.0	6.8	5.0	7.5
CTDA13AF-220M	22	1.0	8.1	4.2	7.0
CTDA13AF-270M	27	1.0	13.5	3.8	5.6
CTDA13AF-330M	33	1.0	14.7	3.4	5.3



### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
	Max.				Max.	
mm	15.0	13.0 $\pm 0.5$	5.0 $\pm 1.0$	1.8 $\pm 0.5$	1.0	8.4 $\pm 0.5$
inches	0.59	0.51 $\pm 0.02$	0.2 $\pm 0.039$	0.071 $\pm 0.02$	0.039	0.33 $\pm 0.02$



### CHARACTERISTICS

**Description:** Inductor for digital amplifier LPF  
**Applications:** Suitable as choke 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.**