

# CTFP3 Series

From .10  $\mu$ H to 1.3  $\mu$ H

## SPECIFICATIONS

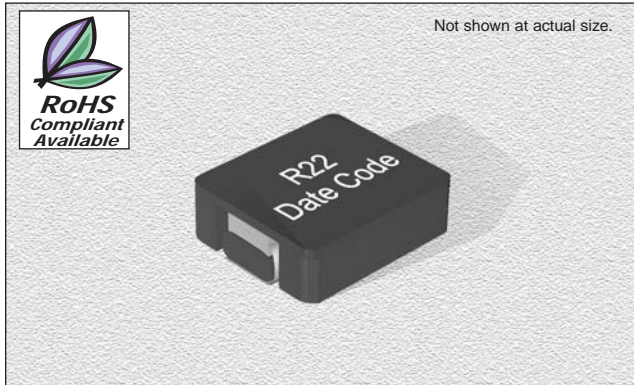
Parts numbers indicate tolerance available.

M =  $\pm 20\%$ , N =  $\pm 30\%$

CTFP3E Please specify "F" for RoHS compliant.

\*Irate DC current rating at 40°C temperature rise (typical)

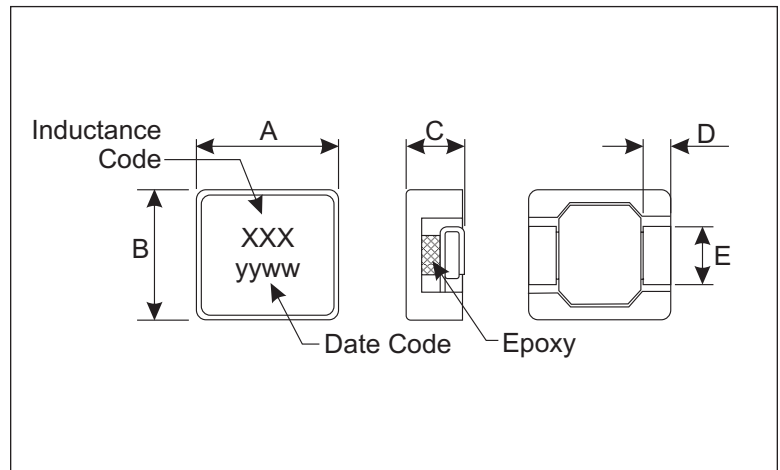
\*\*Imax DC current rating at 80°C temperature rise (typical)



Part Number	Inductance ( $\mu$ H)	*Irate (A)	$\Delta L/L_0$ @ Irate	**Imax (A)	DCR Max. (m $\Omega$ )	Height C (mm)
CTFP3_-R10N	.10	25.5	$\leq 20\%$	32	1.5	3.4 $\pm$ 0.3
CTFP3_-R22N	.22	22.0	$\leq 25\%$	28	2.0	3.5 $\pm$ 0.3
CTFP3_-R39N	.39	19.0	$\leq 30\%$	23	2.3	3.5 $\pm$ 0.3
CTFP3_-R62M	.62	11.0	$\leq 25\%$	15	9.7	3.2 $\pm$ 0.3
CTFP3_-1R0M	1.0	10.5	$\leq 30\%$	13.5	11.0	3.3 $\pm$ 0.3
CTFP3_-1R3M	1.3	9.5	$\leq 30\%$	12	12.2	3.3 $\pm$ 0.3

## PHYSICAL DIMENSIONS

Size	A	B	C	D	E
mm	7.4 $\pm$ 0.3	6.7 $\pm$ 0.3	See	1.27 $\pm$ 0.15	3.0 $\pm$ 0.5
inches	0.291 $\pm$ 0.01	0.264 $\pm$ 0.01	Ordering Info	0.05 $\pm$ 0.006	0.118 $\pm$ 0.02



## CHARACTERISTICS

**Description:** SMD low profile high current inductors

**Applications:** Excellent for power line DC/DC conversion applications used in notebook computers and other handheld equipment.

**Operating Temperature:** -25°C to +125°C

**Inductance Tolerance:**  $\pm 20\%$ ,  $\pm 30\%$

**Testing:** Inductance and Q tested on an HP4285A at 100kHz, 250mV.

**Packaging:** Tape & Reel

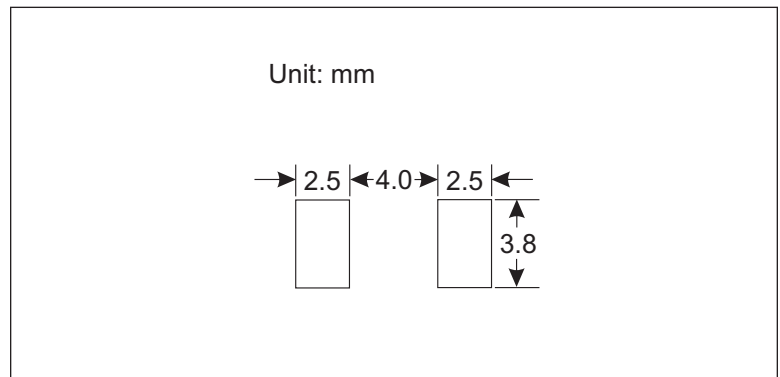
**Miscellaneous:** RoHS Compliant available.

**Marking:** Parts are marked with inductance code & date code

**Additional Information:** Additional electrical & physical information available upon request

**Samples available. See website for ordering information.**

## PAD LAYOUT



08.23.05