

SMALL FOOT PRINT AND LOW PROFILE POWER INDUCTORS [CXTU0214L Series]

Features

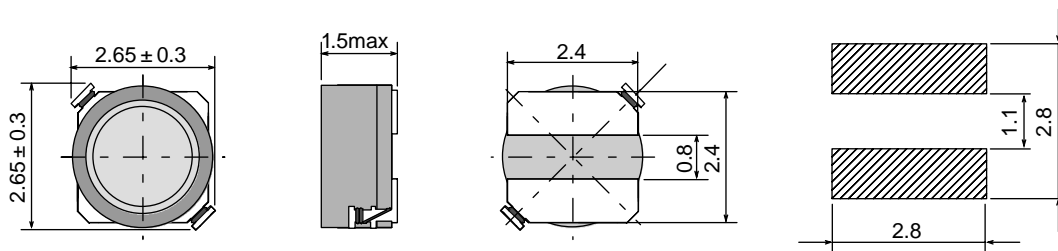
- Shielded power inductors with the smallest footprint, 1.5mm height and low DC-R 2.65mm x 2.65(max)mm x 1.50(max)mm
- Low noise and flux by closed magnetic path structure
- RoHS Compliant

Applications

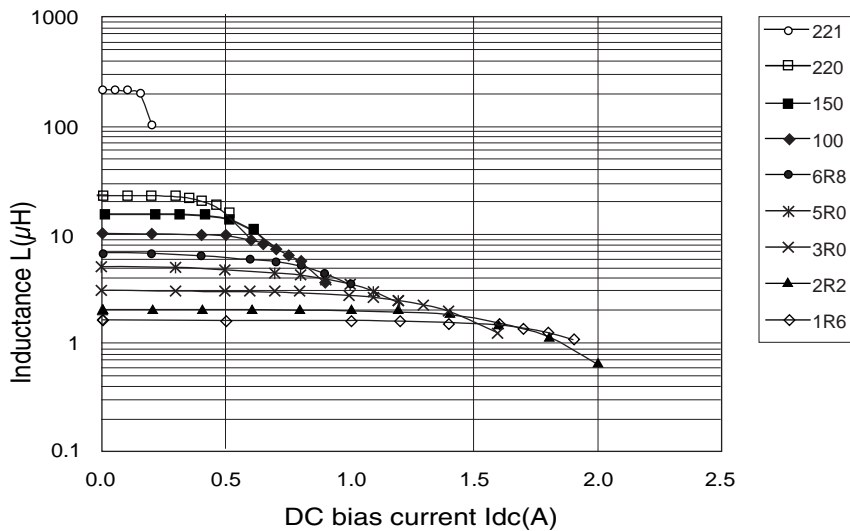
- DC-DC converters for
- Cellular phones, PDAs, Digital still cameras, Digital video cameras, and others



Dimensions/Land pattern(for ref.)<mm>



Inductance vs. DC bias current



Part number list · Specifications

(Typical)

Series	Part number	Inductance L (μ H) (1)	DC resistance Rdc(Ω) (2)	Rated current Idc1 / Idc2(A) (3)	Operating temperature range Ta() (4)
CXTU0214L	CXTU0214L-1R6	1.6±30%	0.076±25%	1.40/1.50	-25~100
	CXTU0214L-2R0	2.0±30%	0.082±25%	1.35/1.45	
	CXTU0214L-3R0	3.0±30%	0.115±25%	1.00/1.25	
	CXTU0214L-5R0	5.0±30%	0.175±25%	0.77/0.95	
	CXTU0214L-6R8	6.8±30%	0.255±25%	0.70/0.80	
	CXTU0214L-100	10±25%	0.310±25%	0.52/0.75	
	CXTU0214L-150	15±25%	0.460±25%	0.49/0.60	
	CXTU0214L-220	22±25%	0.710±25%	0.38/0.51	
	CXTU0214L-221	220±25%	6.975±25%	0.13/0.17	

Note : (1)Ta=25、Idc=0A (2)Ta=25 (3)Idc1:Inductance change ratio | L/LI | 30% Idc2:Temperature rise T 40 (4)Including temperature rise Custom specifications are available.

POWER INDUCTORS