

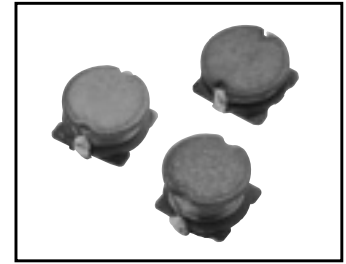
SMALL FOOT PRINT AND LOW PROFILE POWER INDUCTORS [CXLD120Z·140Z·180Z Series]

■Features

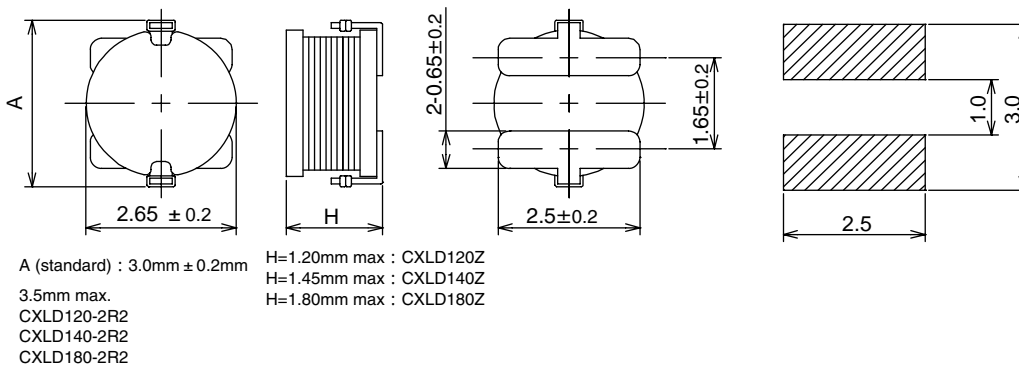
- Low profile less than 1.2mm/1.45mm
- Small footprint
- RoHS Compliant

■Applications

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



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



■Part number list · Specifications

(Typical)

Series	Part number	Inductance L (μH) (1)	DC resistance Rdc(Ω) (2)	Rated current Idc(A) (3)	Operating temperature range Ta () (4)
CXLD120Z	CXLD120-2R2Z	2.2±20%	0.135	1.20	-25~100
	CXLD120-3R3Z	3.3±20%	0.22	1.10	
	CXLD120-4R7Z	4.7±20%	0.33	0.90	
	CXLD120-6R8Z	6.8±20%	0.50	0.75	
	CXLD120-100Z	10±20%	0.60	0.65	
	CXLD120-220Z	22±20%	1.50	0.45	
	CXLD120-330Z	33±20%	2.65	0.32	
CXLD120-470Z	47±20%	3.20	0.25		
CXLD140Z	CXLD140-2R2Z	2.2±20%	0.12	1.30	
	CXLD140-4R7Z	4.7±20%	0.24	0.92	
	CXLD140-100Z	10±20%	0.40	0.70	
	CXLD140-150Z	15±20%	0.62	0.50	
	CXLD140-220Z	22±20%	0.92	0.47	
	CXLD140-470Z	47±20%	1.8	0.32	
	CXLD140-680Z	68±20%	2.5	0.25	
	CXLD140-820Z	82±20%	3.3	0.19	
CXLD140-101Z	100±20%	4.5	0.15		
CXLD180Z	CXLD180-2R2Z	2.2±20%	0.082	1.50	
	CXLD180-3R3Z	3.3±20%	0.122	1.20	
	CXLD180-4R7Z	4.7±20%	0.162	1.10	
	CXLD180-6R8Z	6.8±20%	0.265	0.85	
	CXLD180-100Z	10±20%	0.378	0.75	
	CXLD180-150Z	15±20%	0.600	0.55	
	CXLD180-220Z	22±20%	0.894	0.45	
	CXLD180-330Z	33±20%	1.360	0.35	
CXLD180-470Z	47±20%	1.760	0.30		

Note : (1)Ta=25、Idc=0A (2)Ta=25 (3)Inductance change ratio | L/LI 10% or T 40 (4)Including temperature rise
 Custom specifications are available.