

POWER INDUCTORS

In recent years, the development of electronics products has been remarkable. With regard to various electronics parts including inductors, the need to make them smaller, shorter and more efficient is greater than before.

In order to meet such demands, our company has produced a selection of chip inductors on a commercial basis that are smaller, shorter and more efficient than previous models, by designing configurations of the ferrite core to optimize its structure for magnetic circuits.

We are determined to meet each client's demand in the future by serializing products that match the further development of electronics products and by developing the ferrite materials, designing the optimized process, and attaining high functionality.

■ List of form specifications

Type	Dimensions (mm)	Series	Inductance range					Rated current range	Catalog page
			1 μ H	10 μ H	100 μ H	1000 μ H	10000 μ H		
Drum unshielded type	(3.0×2.65×1.2max)	CXLD120Z	2.2	47				0.25A-1.2A	P.51
	(3.0×2.65×1.45max)	CXLD140Z	2.2	100				0.5A-1.3A	P.51
	(3.0×2.65×1.8max)	CXLD180Z	2.2	47				0.3A-1.5A	P.51
	(4.5×5.0×1.2max)	CXMD120	4.7	22				0.50A-1.0A	P.52
	(6.5×5.3×1.2max)	CXMD0512	2.2	47				0.4A-1.9A	P.53
	(6.3×6.5×1.2max)	CXMD0612	1.7	10				0.8A-3.0A	P.54
	(6.3×6.5×2.2max)	CXMD0622	1.7	3.1				2.4A-4.5A	P.54
Drum shielded type	(2.65×2.65×0.8max)	CXFU0208	1.1	10				0.34A-1.3A	P.56
	(2.65×2.65×1.0max)	CXFU0210	2.2	22				0.3A-1.0A	P.57
	(2.65×2.65×1.2max)	CXTU0212	1.6	22				0.35A-1.8A	P.58
	(2.65×2.65×1.5max)	CXTU0214	3.3	22				0.35A-0.90A	P.59
	(2.65×2.65×1.5max)	CXTU0214L	1.6	220				0.13A-1.5A	P.60
	(3.65×3.65×1.2max)	CXFU0312	2.2	22				0.5A-1.6A	P.61
	(3.8×3.8×1.2max)	CXAD120Z	2.2	47				0.30A-1.35A	P.62
	(3.8×3.8×1.8max)	CXAD180Z	2.2	47				0.32A-1.9A	P.62
	(6.9×6.9×1.5max)	CXRD150	3.3	47				0.56A-2.1A	P.66
	(6.9×6.9×1.9max)	CXRD190	4.7	22				0.9A-1.8A	P.66
	(6.9×6.9×2.8max)	CXRD280	2.2	68				0.8A-4.0A	P.66
	(7.6×6.3×1.2max)	CXKH0612	1.0	22				0.34A-2.6A	P.67
	(10.3×10.3×1.5max)	CXRD1015	2.7	47				0.8A-3.4A	P.68
	(10.3×10.3×2.4max)	CXRD1024	3.9	33				1.2A-4.4A	P.68
	Pot shielded type	(6.5×6.5×1.0max)	CXLP100	2.2	47				0.25A-1.3A
(6.5×6.5×1.2max)		CXLP120	4.7	100				0.20A-1.2A	P.70
(6.5×6.5×1.5max)		CXLP150	4.7	47				0.40A-1.2A	P.70

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