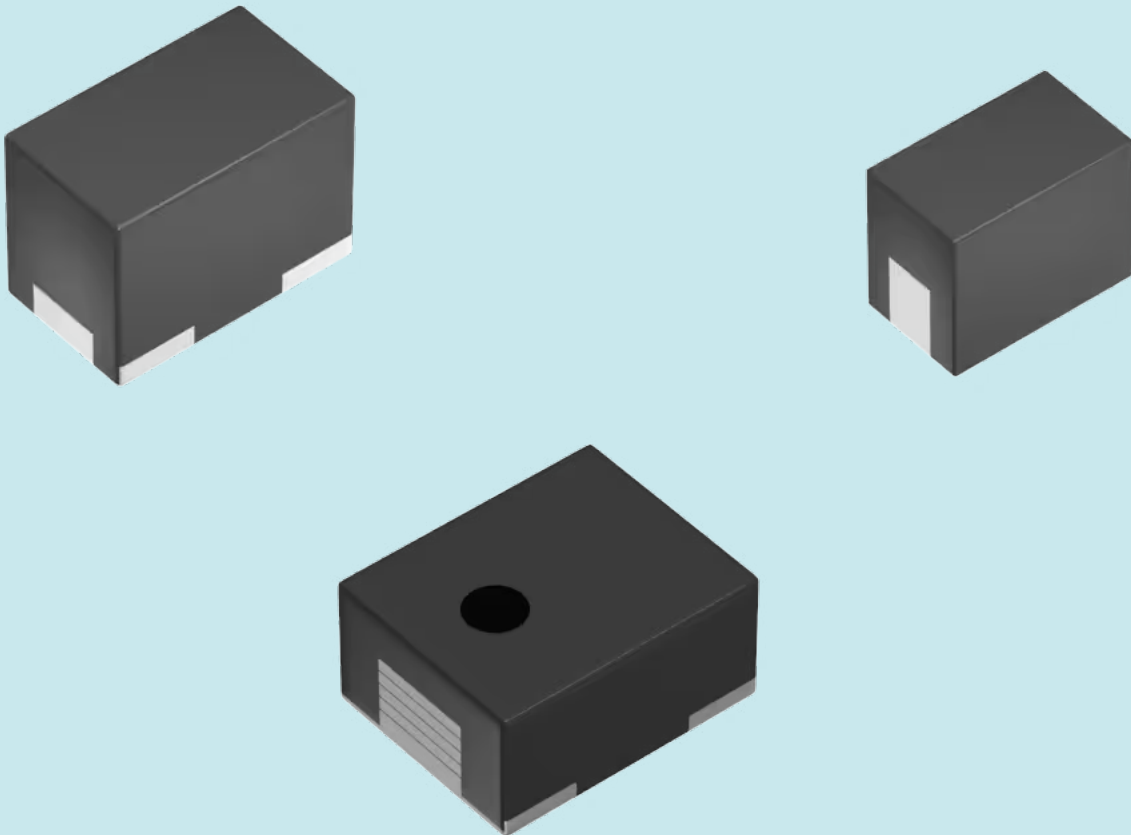


PLE-KIT

Thin-film Power Inductor
Sample Kit



PLE Series

Features

- Thin-film power inductor based on thin-film processing techniques and metallic magnetic materials
- Ultra-compact size contributes to space saving in power circuits
- Low-loss magnetic material makes it possible to achieve low AC loss and provide a highly efficient power supply circuit in solutions that emphasize AC loss

Application

- Wearable products (wireless earphones, smart watch), small power supply module and low power consumption communication modules using Bluetooth Low Energy

L	Tolerance	L x W x T	DC Resistance max.	Rated Current	Part Number	Kit Quantity
(μ H)		(mm)	(Ω)	(A)		
0.47	$\pm 20\%$	0.8 x 0.45 x 0.65	0.21	0.9	PLE856CBAR47M-1PT00	5
1.0	$\pm 20\%$	0.8 x 0.45 x 0.65	0.42	0.72	PLE856CBA1R0M-1PT00	5
1.5	$\pm 20\%$	0.8 x 0.45 x 0.65	0.52	0.62	PLE856CCA1R5M-1PT00	5
1.0	$\pm 20\%$	1.0 x 0.6 x 0.8	0.265	1.2	PLEA67BBA1R0M-1PT00	5
2.2	$\pm 20\%$	1.0 x 0.6 x 0.8	0.62	0.8	PLEA67BBA2R2M-1PT00	5
4.7	$\pm 20\%$	1.0 x 0.6 x 0.8	1.08	0.6	PLEA67BCA4R7M-1PT00	5
1.0	$\pm 20\%$	1.0 x 0.8 x 0.55	0.3	1	PLEA85DCA1R0M-1PT00	5
2.2	$\pm 20\%$	1.0 x 0.8 x 0.55	0.6	0.7	PLEA85DCA2R2M-1PT00	5
3.3	$\pm 20\%$	1.0 x 0.8 x 0.55	1.2	0.5	PLEA85DCA3R3M-1PT00	5
0.47	$\pm 20\%$	1.0 x 0.8 x 0.55	0.12	1.5	PLEA85DCAR47M-1PT00	5