



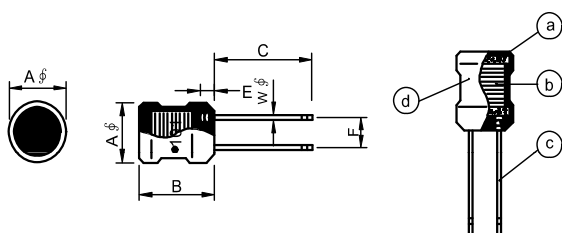
FEATURES

Entire winding core is encapsulated in heat shrunk UL tube to provide mechanical and environmental protection.
Low cost with rugged reliability and performance fixed inductor.
The products contain no lead and also support lead-free soldering.

APPLICATIONS

Excellent as DC-DC converter boost or buck inductors.
Also used for filtering applications.

DIMENSIONS



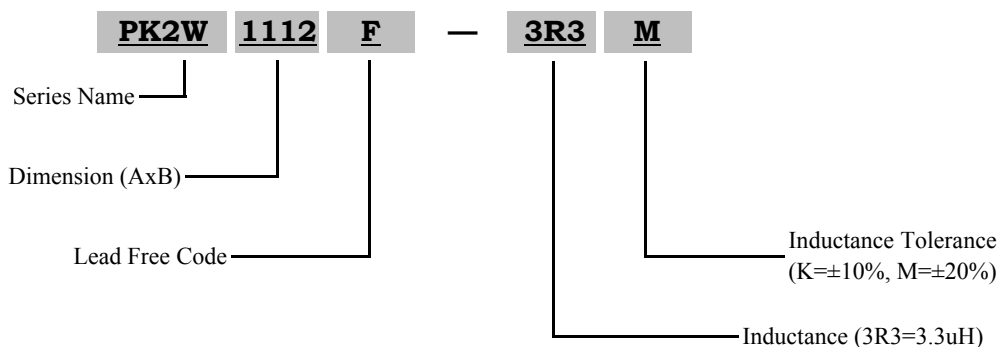
Chip Size:1112

A	B	C	E	F	W
11.7±0.8	12.0±1.0	15.0±5	2.5max.	9.0±1.0	Φ0.6-0.8
11.7±0.8	12.0±1.0	15.0±5	2.5max.	7.0±0.8	Φ0.8

All dimensions in units:mm

	Material
a.Core	Ferrite DR Core
b.Wire	Enamelled Copper Wire 150℃
c.Lead	Tinned Copper Wire
d.shrinkable UL Tube	125℃,600V

PART NUMBERING



SPECIFICATION

Part Number	Inductance (uH)	Q min.	Test Freq. (Hz)		SRF (MHz)min.	DCR (Ω)max.	IDC (A)max.
			L	Q			
PK2W1112F-3R3M	3.3±20%	90	1K	7.96M	59.00	0.008	5.600
PK2W1112F-4R7M	4.7±20%	100	1K	7.96M	45.00	0.009	4.700
PK2W1112F-6R8M	6.8±20%	80	1K	7.96M	34.00	0.012	3.900
PK2W1112F-100M	10±20%	140	1K	2.52M	26.00	0.015	3.200
PK2W1112F-150M	15±20%	120	1K	2.52M	19.00	0.019	2.600
PK2W1112F-220K	22±10%	110	1K	2.52M	14.00	0.026	2.200
PK2W1112F-330K	33±10%	100	1K	2.52M	10.00	0.045	1.800
PK2W1112F-470K	47±10%	90	1K	2.52M	8.30	0.056	1.500
PK2W1112F-680K	68±10%	80	1K	2.52M	6.70	0.092	1.200
PK2W1112F-101K	100±10%	70	1K	796K	5.40	0.120	1.000
PK2W1112F-151K	150±10%	70	1K	796K	4.30	0.200	0.820
PK2W1112F-221K	220±10%	40	1K	796K	3.40	0.250	0.680
PK2W1112F-331K	330±10%	40	1K	796K	2.70	0.420	0.550
PK2W1112F-471K	470±10%	30	1K	796K	2.30	0.510	0.460
PK2W1112F-681K	680±10%	30	1K	796K	1.90	0.790	0.380
PK2W1112F-102K	1000±10%	40	1K	252K	1.60	1.300	0.300
PK2W1112F-152K	1500±10%	30	1K	252K	1.30	1.700	0.250
PK2W1112F-222K	2200±10%	60	1K	252K	1.10	2.900	0.210
PK2W1112F-332K	3300±10%	50	1K	252K	0.90	3.700	0.170
PK2W1112F-472K	4700±10%	50	1K	252K	0.76	5.600	0.140
PK2W1112F-682K	6800±10%	60	1K	252K	0.65	9.400	0.120
PK2W1112F-103K	10000±10%	80	1K	79.6K	0.53	12.000	0.100
PK2W1112F-153K	15000±10%	70	1K	79.6K	0.41	15.000	0.082

Application Notice
●Storage Conditions

To maintain the solderability of terminal electrodes:

1. Temperature and humidity conditions:-10~40℃ and 30~70% RH.
2. Recommended products should be used within 6 months from the time of delivery.
3. The packaging material should be kept where on chlorine or sulfur exists in the air.

●Transportation

1. Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
2. The use of tweezers or vacuum pick up is strongly recommended for individual components.
3. Bulk handling should ensure that abrasion and mechanical shock are minimized.

All the data listed in this catalogue are for reference only, COILS-TECH reserves the right to alter. Specifications are subject to change without notice.