



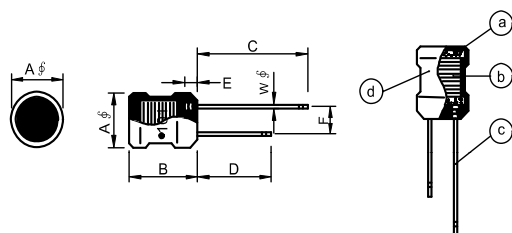
FEATURES

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



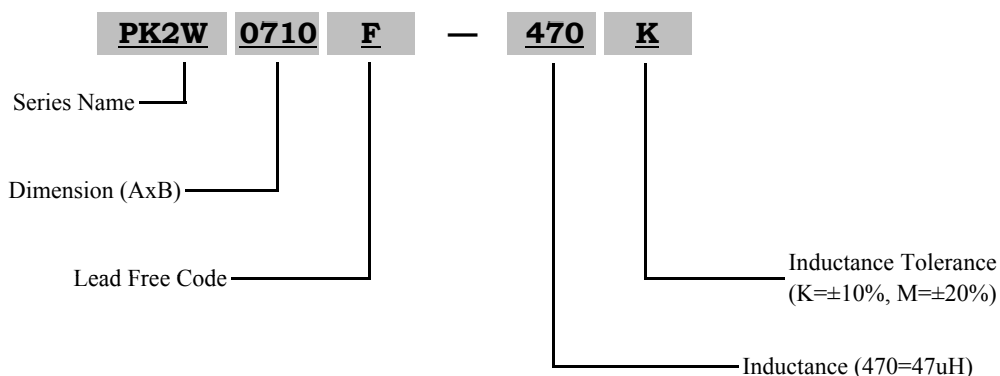
Chip Size:0710

A	B	C	D	E	F	W
6.7±0.5	10.0±1.0	25.0±5	18.0±5	2.5max.	3.0±0.5	Φ0.65

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 Frequency L.Q	SRF (MHz)min	DCR (Ω)max.	IDC (A)max.
PK2W0710F-470K	47±10%	30	2.52	6.00	0.40	0.450
PK2W0710F-560K	56±10%	30	2.52	5.50	0.45	0.400
PK2W0710F-680K	68±10%	30	2.52	5.00	0.50	0.360
PK2W0710F-820K	82±10%	30	2.52	4.50	0.50	0.340
PK2W0710F-101K	100±10%	45	0.796	4.20	0.60	0.320
PK2W0710F-121K	120±10%	45	0.796	3.60	0.70	0.300
PK2W0710F-151K	150±10%	45	0.796	3.40	0.90	0.280
PK2W0710F-181K	180±10%	45	0.796	3.20	1.00	0.260
PK2W0710F-221K	220±10%	45	0.796	3.00	1.20	0.240
PK2W0710F-271K	270±10%	45	0.796	2.80	1.40	0.220
PK2W0710F-331K	330±10%	45	0.796	2.50	1.60	0.200
PK2W0710F-391K	390±10%	45	0.796	2.30	1.80	0.180
PK2W0710F-471K	470±10%	45	0.796	2.20	2.00	0.160
PK2W0710F-561K	560±10%	45	0.796	2.00	2.50	0.150
PK2W0710F-681K	680±10%	45	0.796	1.70	2.90	0.140
PK2W0710F-821K	820±10%	45	0.796	1.50	3.10	0.130
PK2W0710F-102K	1000±10%	45	0.252	1.40	3.90	0.120
PK2W0710F-122K	1200±10%	60	0.252	1.10	4.40	0.110
PK2W0710F-152K	1500±10%	60	0.252	0.90	6.00	0.10
PK2W0710F-182K	1800±10%	60	0.252	0.80	7.00	0.090
PK2W0710F-222K	2200±10%	60	0.252	0.75	8.00	0.080
PK2W0710F-272K	2700±10%	60	0.252	0.70	9.00	0.070
PK2W0710F-332K	3300±10%	60	0.252	0.60	12.00	0.060
PK2W0710F-392K	3900±10%	60	0.252	0.55	14.00	0.055
PK2W0710F-472K	4700±10%	60	0.252	0.50	16.00	0.050
PK2W0710F-562K	5600±10%	60	0.252	0.48	18.00	0.045
PK2W0710F-682K	6800±10%	60	0.252	0.44	24.00	0.040
PK2W0710F-822K	8200±10%	60	0.252	0.40	30.00	0.036
PK2W0710F-103K	10000±10%	60	0.0796	0.36	39.00	0.034
PK2W0710F-123K	12000±10%	60	0.0796	0.32	46.00	0.032
PK2W0710F-153K	15000±10%	60	0.0796	0.30	54.00	0.030

Part Number	Inductance (uH)	Q min	Test Frequency L,Q	SRF (MHz)min	DCR (Ω)max.	IDC (mA)max.
PK2W0710F-183K	18000±10%	60	0.0796	0.28	76.00	0.027
PK2W0710F-223K	22000±10%	60	0.0796	0.24	92.00	0.025
PK2W0710F-273K	27000±10%	60	0.0796	0.20	102.00	0.022
PK2W0710F-333K	33000±10%	60	0.0796	0.16	140.00	0.020
PK2W0710F-393K	39000±10%	60	0.0796	0.13	150.00	0.018
PK2W0710F-473K	47000±10%	60	0.0796	0.10	162.00	0.016

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.

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