

OWPK TYPE



FEATURES
 Small Size
 Low Cost
 High Reliability
 Wide Inductance Range

APPLICATIONS
 Power Inductors.
 Communication
 Household appliances.
 Electronic toys and games.

NUMBERING SYSTEM

Example: OWPK0810-100

OWPK0810 - Series Name
100 - Inductance

ELECTRICAL CHARACTERISTIC

Series Name	Inductance (uH) ※	DCR(max) (Ω)	IDC(max) (A)	Series Name	Inductance (uH) ※	DCR(max) (Ω)	IDC(max) (A)
OWPK0406	1.0~1000	30m~8.9	0.12~3.0	OWPK1016	1.0~1000	10m~1.2	0.8~9.0
OWPK0608	1.0~1000	15m~3.3	0.15~3.0	OWPK1216	22~10000	34m~11.7	0.1~9.0
OWPK0810	1.0~1000	15m~1.8	0.27~4.5	OWPK1415	22~10000	24m~7.15	0.13~6.0
OWPK0912	1.0~1000	15m~1.82	0.3~5.0	OWPK1419	22~10000	23m~7.92	0.14~10.0
OWPK1012	1.0~1000	10m~1.39	0.5~6.0	OWPK1618	22~10000	30m~8.4	0.14~15.0

※Remark: The Test Frequency is 1KHz / 0.25V.

MECHANICAL DIMENSIONS

Unit: mm

	Series Name	A(±0.5)	B(±0.5)	C(±1.0)	D(±0.5)	E(Φ±0.1)
	OWPK0406	4	6	5	2	0.50
OWPK0608	6	8	5	3	0.65	
OWPK0810	8	10	5	5	0.65	
OWPK0912	9	12	5	5	0.8	
OWPK1012	10	12	5	6	0.8	
OWPK1016	10	16	5	6	0.8	
OWPK1216	12	16	5	7.5	1.0	
OWPK1415	14	15	5	7.5	1.0	
OWPK1419	14	19	5	7.5	1.0	
OWPK1618	16	18	5	10	1.0	

STRUCTURE DIAGRAM

	COMPONENT	MATERIALS
	1.Core	Ferrite core
2.Wire	Polyurethane enameled copper wires	
3.Lead wire	Tinned copper wires	
4.Glue	Epoxy resin	

GENERAL CONDITION

Operating temperature range:	-20°C to +105°C(include coil heat)
Storage conditions:	-20°C to +85°C

Contact us for custom spec parts to meet your special requirements.