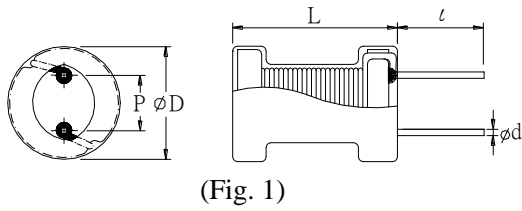


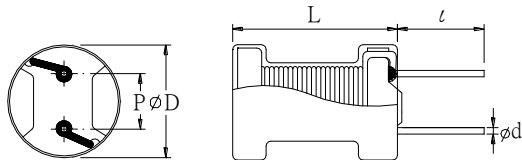
Radial Peaking Coils-CD2912

EXTERNAL DIMENSIONS

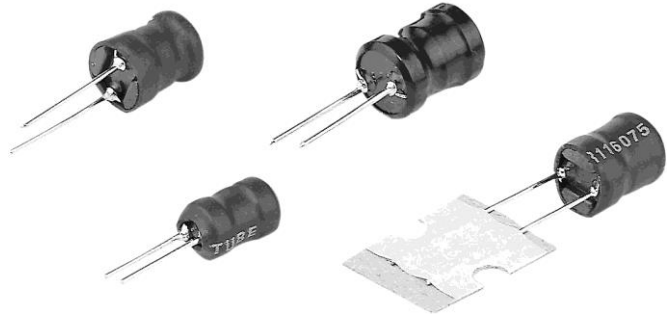
(Unit: m/m)



(Fig. 1)



(Fig. 2)



Type	L(Max.)	ΦD Max.	± 2		Φd ± 0.05	P ± 0.5	Fig No.
			Bulk	Taping			
CD2912	9.5±1.5	13.0±2.0	15	25	0.80	5	1

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
CD2912*100□US	10	1	0.04	3.10
CD2912*120□US	12	1	0.04	2.90
CD2912*150□US	15	1	0.05	2.60
CD2912*180□US	18	1	0.06	2.40
CD2912*220□US	22	1	0.07	2.20
CD2912*270□US	27	1	0.10	2.00
CD2912*330□US	33	1	0.12	1.80
CD2912*390□US	39	1	0.12	1.60
CD2912*470□US	47	1	0.13	1.50
CD2912*560□US	56	1	0.14	1.40
CD2912*680□US	68	1	0.15	1.30
CD2912*820□US	82	1	0.16	1.20
CD2912*101□US	100	1	0.25	1.00
CD2912*121□US	120	1	0.28	0.90
CD2912*151□US	150	1	0.32	0.80
CD2912*181□US	180	1	0.47	0.75
CD2912*221□US	220	1	0.53	0.70
CD2912*271□US	270	1	0.60	0.65
CD2912*331□US	330	1	0.85	0.58
CD2912*391□US	390	1	0.95	0.55
CD2912*471□US	470	1	1.1	0.50
CD2912*561□US	560	1	1.2	0.43
CD2912*681□US	680	1	1.3	0.40
CD2912*821□US	820	1	1.4	0.37
CD2912*102□US	1000	1	2.0	0.29

NOTE: □Tolerance value : K = ±10%, M = ±20%, N = ±30%

DIP

Radial Peaking Coils-CD2912

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
CD2912*122□US	1200	1	2.3	0.28
CD2912*152□US	1500	1	2.9	0.27
CD2912*182□US	1800	1	3.3	0.25
CD2912*222□US	2200	1	4.5	0.23
CD2912*272□US	2700	1	5.5	0.20
CD2912*332□US	3300	1	5.7	0.17
CD2912*392□US	3900	1	6.5	0.16
CD2912*472□US	4700	1	7.2	0.15
CD2912*562□US	5600	1	9.5	0.14
CD2912*682□US	6800	1	11	0.12
CD2912*822□US	8200	1	13	0.10
CD2912*103□US	10000	1	16	0.08
CD2912*123□US	12000	1	18	0.07
CD2912*153□US	15000	1	21	0.06
CD2912*183□US	18000	1	23	0.05
CD2912*223□US	22000	1	33	0.04
CD2912*273□US	27000	1	37	0.038
CD2912*333□US	33000	1	42	0.035
CD2912*393□US	39000	1	45	0.032
CD2912*473□US	47000	1	52	0.030
CD2912*563□US	56000	1	64	0.028
CD2912*683□US	68000	1	82	0.025
CD2912*823□US	82000	1	115	0.023
CD2912*104□US	100000	1	123	0.020

NOTE: □Tolerance value : K = ±10%, M = ±20%, N = ±30%

Test Equipment

- Inductance & Q are measured with HP-4284A or equiv.
- SRF is measured with ML-2770 or equiv.
- DCR is measured with CH-502A or equiv.
- Rated DC current is measured with HP-42841A or equiv.

Characteristics

- Inductance tolerance.....±10%(Standard)
- Temperature rating.....-25°Cto +85°C
- Rated current..... Inductance drop by 10%
- Terminal tensile strength.....1.0 Kg min.
- Terminal bending strength.....0.3 Kg min

Features

- Ideal as a choke coil for noise filtering and DC to DC converter application.
- Covered with PVC or UL shrink tubing

Applications

- TV and Audio equipment
- Buzzers and Alarm systems
- Switching power supplies
- Other noise filters.