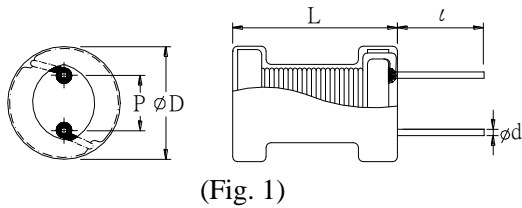


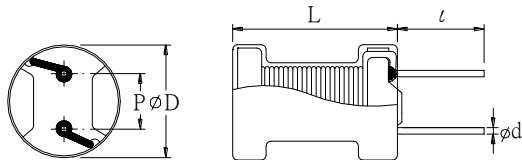
Radial Peaking Coils-CD268

EXTERNAL DIMENSIONS

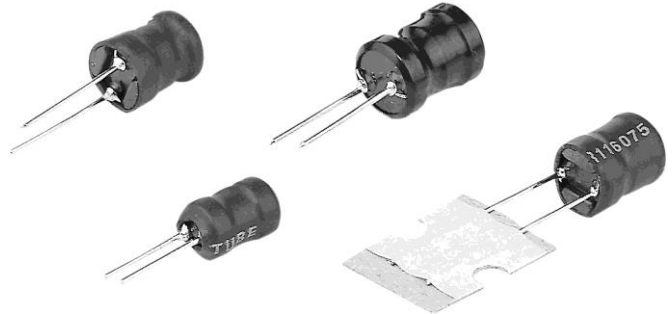
(Unit: m/m)



(Fig. 1)



(Fig. 2)



Type	L(Max.)	ΦD Max.	± 2		Φd ± 0.05	P ± 0.5	Fig No.
			Bulk	Taping			
CD268	6.0±1.5	8.5±1.5	15Min.	25±1.5	0.65	3	1

CD268* Series

Part Number	Inductance L @ 1KHz (μH)	Q Min.	Self-Resonant Frequency (MHz)Min.	DC Resistance (Ω)Max.	Rated DC Current (mA)Max.
CD268*6R8□US	6.8	30 @ 2.52MHz	25	0.022	1200
CD268*8R2□US	8.2	30 @ 2.52MHz	25	0.035	1200
CD268*100□US	10	30 @ 2.52MHz	25	0.038	550
CD268*120□US	12	30 @ 2.52MHz	20	0.044	530
CD268*150□US	15	30 @ 2.52MHz	18	0.050	500
CD268*180□US	18	30 @ 2.52MHz	17	0.058	480
CD268*200□US	20	30 @ 2.52MHz	15	0.065	470
CD268*220□US	22	30 @ 2.52MHz	14	0.066	460
CD268*270□US	27	25 @ 2.52MHz	13	0.072	430
CD268*330□US	33	30 @ 2.52MHz	12	0.10	410
CD268*390□US	39	25 @ 2.52MHz	11	0.11	390
CD268*470□US	47	25 @ 2.52MHz	10	0.16	370
CD268*560□US	56	25 @ 2.52MHz	9.9	0.17	350
CD268*680□US	68	25 @ 2.52MHz	8.3	0.20	340
CD268*820□US	82	25 @ 2.52MHz	7.8	0.24	320
CD268*101□US	100	30 @ 0.796MHz	6.8	0.30	310
CD268*121□US	120	30 @ 0.796MHz	5.8	0.36	290
CD268*151□US	150	30 @ 0.796MHz	5.0	0.48	280
CD268*181□US	180	30 @ 0.796MHz	4.9	0.50	190
CD268*221□US	220	30 @ 0.796MHz	4.3	0.70	180
CD268*271□US	270	30 @ 0.796MHz	3.8	0.80	170
CD268*331□US	330	25 @ 0.796MHz	3.5	0.90	160
CD268*391□US	390	30 @ 0.796MHz	3.3	1.1	150
CD268*471□US	470	30 @ 0.796MHz	2.9	1.3	140
CD268*561□US	560	20 @ 0.796MHz	2.8	1.5	140

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

DIP

Radial Peaking Coils-CD268

Part Number	Inductance L @ 1KHz (μH)	Q Min.	Self-Resonant Frequency (MHz)Min.	DC Resistance (Ω)Max.	Rated DC Current (mA)Max.
CD268*681□US	680	20 @ 0.796MHz	2.6	1.9	130
CD268*821□US	820	20 @ 0.796MHz	2.5	2.1	120
CD268*102□US	1000	70 @ 252KHz	2.2	2.5	110
CD268*122□US	1200	90 @ 252KHz	1.9	4.0	100
CD268*152□US	1500	90 @ 252KHz	1.8	4.8	90
CD268*182□US	1800	90 @ 252KHz	1.6	5.4	85
CD268*222□US	2200	90 @ 252KHz	1.4	8.4	80
CD268*272□US	2700	90 @ 252KHz	1.2	9.8	75
CD268*302□US	3000	90 @ 252KHz	1.0	11	72
CD268*332□US	3300	90 @ 252KHz	0.85	13	60
CD268*392□US	3900	90 @ 252KHz	0.80	14	60
CD268*472□US	4700	90 @ 252KHz	0.77	16	60
CD268*562□US	5600	90 @ 252KHz	0.65	18	50
CD268*682□US	6800	90 @ 252KHz	0.57	20	50
CD268*822□US	8200	90 @ 252KHz	0.53	29	40
CD268*103□US	10000	80 @ 252KHz	0.48	33	40
CD268*123□US	12000	80 @ 252KHz	0.45	36	40
CD268*153□US	15000	80 @ 252KHz	0.38	48	30
CD268*183□US	18000	80 @ 252KHz	0.33	55	30
CD268*223□US	22000	80 @ 79.6KHz	0.31	85	25
CD268*273□US	27000	80 @ 79.6KHz	0.30	100	25
CD268*333□US	33000	80 @ 79.6KHz	0.26	112	20
CD268*363□US	36000	80 @ 79.6KHz	0.25	117	20

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.

DIP