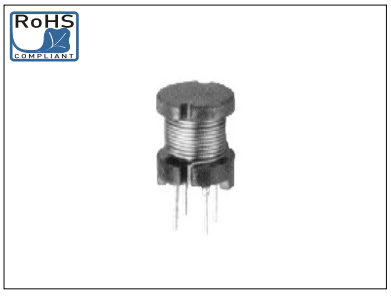
MC4W Through-Hole Radial Power Chokes

Meisongbei



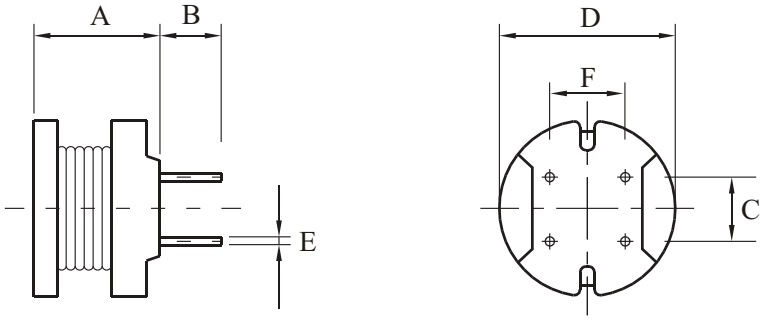
Features

- Polyolefin Shrink Tubing
- Wire-wound construction
- High Inductance and Lower RDC
- Excellent Environmental characteristics high reliability

Applications

- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators

Dimensions & Configurations (Unit:mm)



Type	A (max)	B ± 1.0	C ± 0.3	D (max)	E	F ± 0.3
MC4W1006	6.5	3.5	5.0	10.5	0.7	4.0
MC4W1008	8.5	3.5	5.0	10.5	0.7	4.0
MC4W1010	10.5	3.5	5.0	10.5	0.7	4.0

Note: Design as Customer's Requested Specifications.

Electrical Characteristics For MC4W1006 Series

Part Number	Inductance [μH]	DCR(max) [Ω]	IDC [A]
MC4W1006 - 100M	10	0.040	3.60
MC4W1006 - 120M	12	0.044	3.30
MC4W1006 - 150M	15	0.058	2.90
MC4W1006 - 180M	18	0.064	2.70
MC4W1006 - 220M	22	0.088	2.40
MC4W1006 - 270M	27	0.100	2.20
MC4W1006 - 330M	33	0.110	2.00
MC4W1006 - 390M	39	0.140	1.80
MC4W1006 - 470M	47	0.160	1.70
MC4W1006 - 560M	56	0.190	1.50
MC4W1006 - 680M	68	0.220	1.40
MC4W1006 - 820M	82	0.290	1.30
MC4W1006 - 101K	100	0.320	1.30
MC4W1006 - 121K	120	0.380	1.20
MC4W1006 - 151K	150	0.500	1.00
MC4W1006 - 181K	180	0.560	0.84
MC4W1006 - 221K	220	0.780	0.76
MC4W1006 - 271K	270	0.920	0.69
MC4W1006 - 331K	330	1.10	0.62
MC4W1006 - 391K	390	1.30	0.57
MC4W1006 - 471K	470	1.50	0.52
MC4W1006 - 561K	560	1.90	0.48
MC4W1006 - 681K	680	2.20	0.43
MC4W1006 - 821K	820	2.60	0.40
MC4W1006 - 102K	1000	3.20	0.36

Electrical Characteristics For MC4W1008 Series

Part Number	Inductance [μH]	DCR(max) [Ω]	IDC [A]
MC4W1008 - 100M	10	0.027	4.50
MC4W1008 - 120M	12	0.031	4.10
MC4W1008 - 150M	15	0.035	3.70
MC4W1008 - 180M	18	0.049	3.40
MC4W1008 - 220M	22	0.055	3.10
MC4W1008 - 270M	27	0.062	2.80
MC4W1008 - 330M	33	0.079	2.50
MC4W1008 - 390M	39	0.087	2.30
MC4W1008 - 470M	47	0.099	2.10
MC4W1008 - 560M	56	0.130	1.90
MC4W1008 - 680M	68	0.140	1.70
MC4W1008 - 820M	82	0.160	1.60
MC4W1008 - 101K	100	0.210	1.40
MC4W1008 - 121K	120	0.240	1.30
MC4W1008 - 151K	150	0.320	1.20
MC4W1008 - 181K	180	0.350	1.10
MC4W1008 - 221K	220	0.450	0.96
MC4W1008 - 271K	270	0.610	0.87
MC4W1008 - 331K	330	0.690	0.79
MC4W1008 - 391K	390	0.780	0.72
MC4W1008 - 471K	470	1.00	0.66
MC4W1008 - 561K	560	1.20	0.60
MC4W1008 - 681K	680	1.40	0.55
MC4W1008 - 821K	820	1.80	0.50
MC4W1008 - 102K	1000	2.10	0.45

Electrical Characteristics For MC4W1010 Series

Part Number	Inductance [μH]	DCR(max) [Ω]	IDC [A]
MC4W1010 - 100M	10	0.022	5.30
MC4W1010 - 120M	12	0.023	4.90
MC4W1010 - 150M	15	0.026	4.40
MC4W1010 - 180M	18	0.033	4.00
MC4W1010 - 220M	22	0.037	3.60
MC4W1010 - 270M	27	0.048	3.30
MC4W1010 - 330M	33	0.055	2.90
MC4W1010 - 390M	39	0.073	2.70
MC4W1010 - 470M	47	0.083	2.50
MC4W1010 - 560M	56	0.092	2.30
MC4W1010 - 680M	68	0.120	2.10
MC4W1010 - 820M	82	0.140	1.90
MC4W1010 - 101K	100	0.160	1.70
MC4W1010 - 121K	120	0.200	1.50
MC4W1010 - 151K	150	0.230	1.40
MC4W1010 - 181K	180	0.310	1.30
MC4W1010 - 221K	220	0.340	1.10
MC4W1010 - 271K	270	0.400	1.00
MC4W1010 - 331K	330	0.520	0.93
MC4W1010 - 391K	390	0.650	0.86
MC4W1010 - 471K	470	0.710	0.78
MC4W1010 - 561K	560	1.00	0.71
MC4W1010 - 681K	680	1.10	0.65
MC4W1010 - 821K	820	1.30	0.59
MC4W1010 - 102K	1000	1.70	0.53