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Parts List (Power Inductors for Automotive application)

Power Choke Coil for Automotive (Metal core type) MC

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [uH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
5.5×5.0	3.0	PCC-M0530M	▲ETQP3M1R0YFP	1.0	(6.6)	(12.0)
			▲ETQP3M1R5YFP	1.5	(5.6)	(16.7)
			ETQP3M2R2YFP	2.2	4.8	22.6
			ETQP3M3R3YFP	3.3	4.1	32.3
	4.0	PCC-M0540M	ETQP4M4R7YFP	4.7	4.0	36.0
			▲ETQP4M6R8YFP	6.8	(3.1)	(58.0)
			▲ETQP4M100YFP	10	(2.5)	(90.0)
			▲ETQP4M150YFP	15	(2.1)	(127)
6.5×6.0	3.0	PCC-M0630M	ETQP3MR68YFN	0.68	9.8	6.3
			ETQP3M1R0YFN	1.0	8.8	7.9
			▲ETQP3M1R5YFN	1.5	(7.4)	(11.0)
	4.5	PCC-M0645M	▲ETQP4M2R2YFN	2.2	(8.0)	(10.4)
			▲ETQP4M3R3YFN	3.3	(6.6)	(15.4)
			▲ETQP4M4R7YFN	4.7	(5.5)	(22.0)
			ETQP4M6R8YFN	6.8	4.1	39.3
			ETQP4M100YFN	10	3.5	54.2
			▲ETQP4M150YFN	15	(2.5)	(105)
			▲ETQP4M220YFN	22	(2.3)	(126)
			▲ETQP4M330YFN	33	(2.0)	(172)
			ETQP4M470YFN	47	1.8	210
7.5×7.0	5.0	PCC-M0750M	▲ETQP5M101YGM	95	(1.4)	(348)
	5.4	PCC-M0754M	▲ETQP5M2R2YFM	2.2	(9.4)	(9.2)
			▲ETQP5M3R3YFM	3.3	(8.3)	(11.9)
			ETQP5M4R7YFM	4.7	6.3	20.4
			▲ETQP5M6R8YFM	6.8	(5.5)	(26.7)
			ETQP5M100YFM	10	4.7	37.6
			▲ETQP5M150YFM	15	(3.2)	(78.0)
			ETQP5M220YFM	22	3.0	92.0
			ETQP5M330YFM	33	2.6	120
			ETQP5M470YFM	48	2.3	156

Power Choke Coil for Automotive (Metal core type) MC

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [μH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
			▲ETQP5M680YFM	64	(1.9)	(237)
8.5×8.0	5.0	PCC-M0850M	ETQP5M101YGK	100	1.7	302
	5.4	PCC-M0854M	ETQP5M2R5YFK	2.5	11.9	7.6
			▲ETQP5M3R3YFK	3.3	(10.7)	(9.5)
			▲ETQP5M4R7YFK	4.7	(8.0)	(16.8)
			▲ETQP5M6R8YFK	6.8	(6.8)	(23.5)
			ETQP5M100YFK	10	5.7	33.4
			▲ETQP5M150YFK	15	(4.7)	(48.2)
			ETQP5M220YFK	22	4.1	63.0
			▲ETQP5M330YFK	33	(3.3)	(100)
			ETQP5M470YFK	48	2.9	125
			▲ETQP5M680YFK	68	(2.4)	(192)
10.7×10.0	5.0	PCC-M1050M	▲ETQP5M3R3YGC	3.3	(13.1)	(7.1)
	5.4	PCC-M1054M	ETQP5M101YGC	97	2.2	208
			ETQP5M1R5YFC	1.5	17.9	3.8
			ETQP5M2R5YFC	2.5	15.1	5.3
			ETQP5M3R3YFC	3.3	13.1	7.1
			ETQP5M4R7YFC	4.7	10.9	10.2
			▲ETQP5M6R8YFC	6.8	(8.0)	(18.8)
			ETQP5M100YFC	10	7.1	23.8
			▲ETQP5M150YFC	15	(6.1)	(32.5)
			ETQP5M220YFC	22	5.2	45.0
			ETQP5M330YFC	33	4.2	68.5
			▲ETQP5M470YFC	47	(3.5)	(99.0)
			▲ETQP5M680YFC	68	(3.0)	(136)
10.9×10.0	5.0	PCC-M1050ML	▲ETQP5MR33YLC	0.33	(33.2)	(1.1)
	6.0	PCC-M1060ML	ETQP5MR68YLC	0.68	26.3	1.75
			ETQP5M1R0YLC	1.0	23.0	2.3
			▲ETQP6M1R5YLC	1.5	(19.8)	(3.1)
			ETQP6M2R5YLC	2.5	16.3	4.55
			ETQP6M3R3YLC	3.3	14.2	6.0
			▲ETQP6M4R7YLC	4.7	(11.8)	(8.7)

Large current Power Choke Coil for Automotive (MC type)

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [μH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
12.6×13.2	8.0	PCC-M1280MF	▲ETQP8MR33JFA	0.33	(44.4)	(0.7)
			ETQP8MR68JFA	0.68	35.4	1.1
			▲ETQP8M1R0JFA	1.0	(31.8)	(1.36)
			▲ETQP8M1R5JFA	1.5	(27.7)	(1.8)
			▲ETQP8M2R5JFA	2.5	(23.0)	(2.6)
			▲ETQP8M3R3JFA	3.3	(19.6)	(3.5)

Large current Power Choke Coil for Automotive (MC type)

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [uH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
			ETQP8M4R7JFA	4.7	16.8	4.9

Power Choke Coil for Automotive-LP (MC type)

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [uH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
5.5×5.0	3.0	PCC-M0530M-LP	ETQP3M100KVP	10	2.4	96
			▲ETQP3M6R8KVP	6.8	(2.9)	(65.7)
			▲ETQP3M4R7KVP	4.7	(3.4)	(45.6)
			▲ETQP3M3R3KVP	3.3	(4.4)	(27.3)
			▲ETQP3M2E2KVP	2.2	(5.2)	(20)
			▲ETQP3M1R5KVP	1.5	(6.7)	(12)
			ETQP3M1R0KVP	1.0	7.5	9.6
			▲ETQP3MR68KVP	0.68	(8.4)	(7.6)
6.5×6.0	3.0	PCC-M0630M-LP	▲ETQP3M220KVN	22	(2.2)	(128)
			▲ETQP3M150KVN	15	(2.5)	(99.2)
			ETQP3M100KVN	10	2.9	71
			ETQP3M6R8KVN	6.8	3.6	45.6
			▲ETQP3M4R7KVN	4.7	(4.6)	(29)
			▲ETQP3M3R3KVN	3.3	(5.0)	(24.1)
			▲ETQP3M2R2KVN	2.2	(6.5)	(14.5)
			▲ETQP3M1R5KVN	1.5	(7.4)	(11)
			▲ETQP3M1R0KVN	1.0	(9.9)	(6.2)
			ETQP3MR68KVN	0.68	(10.8)	(5.2)
8.5×8.0	4.0	PCC-M0840M-LP	▲ETQP4M220KVK	22	(3.3)	(76.3)
			▲ETQP4M150KVK	15	(3.8)	(55)
			▲ETQP4M100KVK	10	(4.4)	(41.6)
			▲ETQP4M6R8KVK	6.8	(5.9)	(23.5)
			ETQP4M4R7KVK	4.7	7.1	16.1
			▲ETQP4M3R3KVK	3.3	(7.6)	(14)
			▲ETQP4M2R2KVK	2.2	(9.8)	(8.5)
			▲ETQP4M1R5KVK	1.5	(12.8)	(4.9)
			▲ETQP4M1R0KVK	1.0	(14.8)	(3.7)
			▲ETQP4MR68KVK	0.68	(16.7)	(2.9)
10.7×10.0	4.0	PCC-M1040M-LP	▲ETQP4M470KVC	47	(2.8)	(132)
			▲ETQP4M330KVC	33	(3.4)	(84.6)
			▲ETQP4M220KVC	22	(4.1)	(60)
			▲ETQP4M150KVC	15	(5.2)	(37)
			▲ETQP4M100KVC	10	(6.3)	(25.4)
			▲ETQP4M6R8KVC	6.8	(7.4)	(18.5)
			▲ETQP4M4R7KVC	4.7	(9.2)	(11.8)
			▲ETQP4M3R3KVC	3.3	(10.3)	(9.4)
			▲ETQP4M2R2KVC	2.2	(12.1)	(6.8)
			▲ETQP4M1R5KVC	1.5	(14.3)	(4.9)

Power Choke Coil for Automotive-LP (MC type)

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [uH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
			▲ETQP4M1R0KVC	1.0	(19.6)	(2.6)

Power Choke Coil for Automotive (Metal core type) Dust core

Case Size		Series	Part No. *1) ▲ : Under development	Inductance [uH]	*2) Rated Current [A]	DCR [mΩ]
L×W [mm]	H [mm]					
13.2×14.7	13.1	PCC-D1413H	ETQPDH240DTV	36	6.9	25.8

*1) Please contact us for product details and samples.

*2) DC current which causes temperature rise of 40 K. Parts are soldered by reflow on four-layer PWB (1.6 mmFR4) and measured at room temperature.

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