Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- High current capacity
- Low DCR
- Ferrite core
- Operating temperature -55 to +125 °C
- Test frequency 1 KHz
- Tape & reel packaged 800/reel

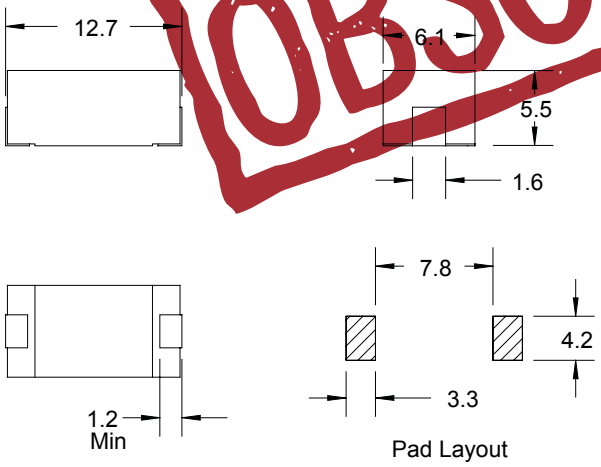
Typical Applications

- EMI filtering
- Laptop computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

Notes

* Saturation current to cause approx. 5 % inductance drop

** Rated current to cause approx. 40 °C temperature rise



Dimensions: mm

PM1355 Series				
Part Number	L (µH) ± 10 %	DCR (Ω) Max.	I sat. * (A)	I rated** (A)
PM1355-1R0K-RC	1.0	0.015	7.4	5.10
PM1355-1R2K-RC	1.2	0.017	6.4	4.80
PM1355-1R5K-RC	1.5	0.020	6.0	4.42
PM1355-1R8K-RC	1.8	0.023	5.6	4.12
PM1355-2R2K-RC	2.2	0.029	5.2	3.67
PM1355-2R7K-RC	2.7	0.030	4.6	3.61
PM1355-3R3K-RC	3.3	0.035	4.0	3.34
PM1355-3R9K-RC	3.9	0.038	3.8	3.20
PM1355-4R7K-RC	4.7	0.043	3.6	3.00
PM1355-5R6K-RC	5.6	0.046	3.2	2.91
PM1355-6R8K-RC	6.8	0.053	2.8	2.71
PM1355-8R2K-RC	8.2	0.058	2.7	2.59
PM1355-100K-RC	10	0.071	2.4	2.34
PM1355-120K-RC	12	0.079	2.2	2.22
PM1355-150K-RC	15	0.089	2.0	2.09
PM1355-180K-RC	18	0.109	1.8	1.89
PM1355-220K-RC	22	0.150	1.6	1.61
PM1355-270K-RC	27	0.170	1.5	1.51
PM1355-330K-RC	33	0.222	1.4	1.33
PM1355-390K-RC	39	0.250	1.2	1.25
PM1355-470K-RC	47	0.330	1.1	1.09
PM1355-560K-RC	56	0.370	1.0	1.03
PM1355-680K-RC	68	0.418	0.96	0.996
PM1355-820K-RC	82	0.468	0.90	0.913
PM1355-101K-RC	100	0.620	0.80	0.793
PM1355-121K-RC	120	0.684	0.70	0.755
PM1355-151K-RC	150	0.900	0.62	0.658
PM1355-181K-RC	180	1.04	0.56	0.612
PM1355-221K-RC	220	1.16	0.52	0.580
PM1355-271K-RC	270	1.63	0.45	0.489
PM1355-331K-RC	330	1.82	0.41	0.463
PM1355-391K-RC	390	2.05	0.39	0.436
PM1355-471K-RC	470	2.7	0.36	0.380
PM1355-561K-RC	560	2.8	0.33	0.373
PM1355-681K-RC	680	4.1	0.29	0.308
PM1355-821K-RC	820	4.7	0.26	0.288
PM1355-102K-RC	1000	5.4	0.245	0.269
PM1355-122K-RC	1200	8.3	0.22	0.218
PM1355-152K-RC	1500	9.4	0.20	0.204
PM1355-182K-RC	1800	11.0	0.19	0.188
PM1355-222K-RC	2200	12.0	0.16	0.180
PM1355-272K-RC	2700	16.0	0.15	0.156
PM1355-332K-RC	3300	17.0	0.14	0.151
PM1355-392K-RC	3900	21.0	0.13	0.136
PM1355-472K-RC	4700	25.0	0.12	0.125
PM1355-562K-RC	5600	30.0	0.11	0.114
PM1355-682K-RC	6800	49.0	0.094	0.089
PM1355-822K-RC	8200	55.0	0.088	0.084
PM1355-103K-RC	10,000	62.0	0.080	0.079

OBSOLETE

Mouser Electronics

Authorized Distributor

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Bourns:

PM1355-471K-RC PM1355-271K-RC PM1355-331K-RC PM1355-390K-RC PM1355-181K-RC PM1355-681K-RC PM1355-680K-RC PM1355-180K-RC PM1355-100K-RC PM1355-222K-RC PM1355-122K-RC PM1355-472K-RC PM1355-272K-RC PM1355-561K-RC PM1355-330K-RC PM1355-121K-RC PM1355-1R2K-RC PM1355-221K-RC PM1355-2R2K-RC PM1355-152K-RC PM1355-560K-RC PM1355-391K-RC PM1355-821K-RC PM1355-8R2K-RC PM1355-220K-RC PM1355-3R3K-RC PM1355-120K-RC PM1355-822K-RC PM1355-5R6K-RC PM1355-392K-RC PM1355-151K-RC PM1355-150K-RC PM1355-682K-RC PM1355-182K-RC PM1355-101K-RC PM1355-820K-RC PM1355-1R0K-RC PM1355-332K-RC PM1355-102K-RC PM1355-2R7K-RC PM1355-4R7K-RC PM1355-562K-RC PM1355-1R5K-RC PM1355-470K-RC PM1355-270K-RC PM1355-6R8K-RC PM1355-1R8K-RC PM1355-103K-RC