



# Featured Products Bulletin

MAGNETICS



## Magnetics Optimization Plan Update Originally Released July, 2009

Riverside, California - November 5, 2009 - This is a reminder for the *Not Recommended for New Design* Magnetics models mentioned in the Optimization Plan distributed in July 2009. (Optimization Plans can be viewed in the Partnership Library of [bourns.com](http://bourns.com).) The last day for accepting orders of these models is March 31, 2010. Thereafter, only orders for the alternative models will be accepted.

To assist you in finding the proper part number, a list of the individual crossed part numbers for the *Not Recommended for New Design Parts* to the *Alternative Parts* is included.

**Chip Inductors - Multilayer**

| Model P/N        | Suggested Alternative |
|------------------|-----------------------|
| PM0402-1N0-RC    | C1100505-1N0D         |
| PM0402-1N2-RC    | C1100505-1N2D         |
| PM0402-1N5-RC    | C1100505-1N5D         |
| PM0402-1N8-RC    | C1100505-1N8D         |
| PM0402-2N2-RC    | C1100505-2N2D         |
| PM0402-2N7-RC    | C1100505-2N7D         |
| PM0402-3N3-RC    | C1100505-3N3D         |
| PM0402-3N9-RC    | C1100505-3N9D         |
| PM0402-4N7-RC    | C1100505-4N7D         |
| PM0402-5N6-RC    | C1100505-5N6D         |
| PM0402-6N2-RC    | C1100505-6N8J         |
| PM0402-8N2-RC    | C1100505-8N2J         |
| PM0402-10NJ-RC   | C1100505-10NJ         |
| PM0402-12NJ-RC   | C1100505-12NJ         |
| PM0402-15NJ-RC   | C1100505-15NJ         |
| PM0402-18NJ-RC   | C1100505-18NJ         |
| PM0402-22NJ-RC   | C1100505-22NJ         |
| PM0402-27NJ-RC   | C1100505-27NJ         |
| PM0402-33NJ-RC   | C1100505-33NJ         |
| PM0402-39NJ-RC   | C1100505-39NJ         |
| PM0402-47NJ-RC   | C1100505-47NJ         |
| PM0402-56NJ-RC   | C1100505-56NJ         |
| PM0603T-1N0-RC   | C1160808-1N0D         |
| PM0603T-1N2-RC   | C1160808-1N2D         |
| PM0603T-1N5-RC   | C1160808-1N5D         |
| PM0603T-1N8-RC   | C1160808-1N8D         |
| PM0603T-2N2-RC   | C1160808-2N2D         |
| PM0603T-2N7-RC   | C1160808-2N7D         |
| PM0603T-3N3-RC   | C1160808-3N3D         |
| PM0603T-3N9-RC   | C1160808-3N9D         |
| PM0603T-4N7-RC   | C1160808-4N7D         |
| PM0603T-5N6-RC   | C1160808-5N6D         |
| PM0603T-6N8J-RC  | C1160808-6N8J         |
| PM0603T-8N2J-RC  | C1160808-8N2J         |
| PM0603T-10NG-RC  | C1160808-10NJ         |
| PM0603T-12NG-RC  | C1160808-12NJ         |
| PM0603T-15NG-RC  | C1160808-15NJ         |
| PM0603T-18NG-RC  | C1160808-18NJ         |
| PM0603T-22NG-RC  | C1160808-22NJ         |
| PM0603T-27NG-RC  | C1160808-27NJ         |
| PM0603T-33NG-RC  | C1160808-33NJ         |
| PM0603T-39NG-RC  | C1160808-39NJ         |
| PM0603T-47NG-RC  | C1160808-47NJ         |
| PM0603T-56NG-RC  | C1160808-56NJ         |
| PM0603T-68NG-RC  | C1160808-68NJ         |
| PM0805G-R047J-RC | CV201210-R047K        |
| PM0805G-R068J-RC | CV201210-R068K        |
| PM0805G-R085J-RC | CV201210-R085K        |
| PM0805G-R10J-RC  | CV201210-R10K         |

**Chip Inductors - Multilayer**

| Model P/N       | Suggested Alternative |
|-----------------|-----------------------|
| PM0805G-R12J-RC | CV201210-R12K         |
| PM0805G-R15J-RC | CV201210-R15K         |
| PM0805G-R18J-RC | CV201210-R18K         |
| PM0805G-R22J-RC | CV201210-R22K         |
| PM0805G-R27J-RC | CV201210-R27K         |
| PM0805G-R33J-RC | CV201210-R33K         |
| PM0805G-R39J-RC | CV201210-R39K         |
| PM0805G-R47J-RC | CV201210-R47K         |
| PM0805G-R56J-RC | CV201210-R56K         |
| PM0805G-R68J-RC | CV201210-R68K         |
| PM0805G-R82J-RC | CV201210-R82K         |
| PM0805G-1R0J-RC | CV201210-1R0K         |
| PM0805G-1R2J-RC | CV201210-1R2K         |
| PM0805G-1R5J-RC | CV201210-1R5K         |
| PM0805G-1R8J-RC | CV201210-1R8K         |
| PM0805G-2R2J-RC | CV201210-2R2K         |
| PM0805G-2R7J-RC | CV201210-2R7K         |
| PM0805G-3R3J-RC | CV201210-3R3K         |
| PM0805G-3R9K-RC | CV201210-3R9K         |
| PM0805G-4R7J-RC | CV201210-4R7K         |
| PM0805G-5R6J-RC | CV201210-5R6K         |
| PM0805G-6R8J-RC | CV201210-6R8K         |
| PM0805G-8R2J-RC | CV201210-8R2K         |
| PM0805G-100J-RC | CV201210-100K         |
| PM0805G-120ML   | CV201210-120K         |
| PM0805G-150ML   | CV201210-150K         |
| PM0805G-220ML   | CV201210-220K         |
| PM0805G-270ML   | CV201210-270K         |
| PM0805G-330ML   | CV201210-330K         |
| PM0805H-1N5-RC  | CE201210-1N5D         |
| PM0805H-1N8-RC  | CE201210-1N8D         |
| PM0805H-2N2-RC  | CE201210-2N2D         |
| PM0805H-2N7-RC  | CE201210-2N7D         |
| PM0805H-3N3-RC  | CE201210-3N3J         |
| PM0805H-3N9-RC  | CE201210-3N9J         |
| PM0805H-4N7-RC  | CE201210-4N7J         |
| PM0805H-5N6-RC  | CE201210-5N6J         |
| PM0805H-6N8J-RC | CE201210-6N8J         |
| PM0805H-8N2J-RC | CE201210-8N2J         |
| PM0805H-10NJ-RC | CE201210-10NJ         |
| PM0805H-12NJ-RC | CE201210-12NJ         |
| PM0805H-15NJ-RC | CE201210-15NJ         |
| PM0805H-18NJ-RC | CE201210-18NJ         |
| PM0805H-22NJ-RC | CE201210-22NJ         |
| PM0805H-27NJ-RC | CE201210-27NJ         |
| PM0805H-33NJ-RC | CE201210-33NJ         |
| PM0805H-39NJ-RC | CE201210-39NJ         |
| PM0805H-47NJ-RC | CE201210-47NJ         |
| PM0805H-56NJ-RC | CE201210-56NJ         |

**Chip Inductors - Multilayer**

| Model P/N        | Suggested Alternative |
|------------------|-----------------------|
| PM0805H-68NJ-RC  | CE201210-68NJ         |
| PM0805H-82NJ-RC  | CE201210-82NJ         |
| PM0805H-100NJ-RC | CE201210-R10J         |
| PM0805H-120NJ-RC | CE201210-R12J         |
| PM0805H-150NJ-RC | CE201210-R15J         |
| PM0805H-220NJ-RC | CE201210-R22J         |
| PM0805H-270NJ-RC | CE201210-R27J         |
| PM0805H-330NJ-RC | CE201210-R33J         |
| PM0805H-390NJ-RC | CE201210-R39J         |
| PM0805H-470NJ-RC | CE201210-R47J         |
| PM1210G-R12K-RC  | CF322513-R12K         |
| PM1210G-R15K-RC  | CF322513-R15K         |
| PM1210G-R18K-RC  | CF322513-R18K         |
| PM1210G-R22K-RC  | CF322513-R22K         |
| PM1210G-R27K-RC  | CF322513-R27K         |
| PM1210G-R33K-RC  | CF322513-R33K         |
| PM1210G-R39K-RC  | CF322513-R39K         |
| PM1210G-R47K-RC  | CF322513-R47K         |
| PM1210G-R56K-RC  | CF322513-R56K         |
| PM1210G-R68K-RC  | CF322513-R68K         |
| PM1210G-R82K-RC  | CF322513-R82K         |
| PM1210G-1R0K-RC  | CF322513-1R0K         |
| PM1210G-1R2K-RC  | CF322513-1R2K         |
| PM1210G-1R5K-RC  | CF322513-1R5K         |
| PM1210G-1R8K-RC  | CF322513-1R8K         |
| PM1210G-2R2K-RC  | CF322513-2R2K         |
| PM1210G-2R7K-RC  | CF322513-2R7K         |
| PM1210G-3R3K-RC  | CF322513-3R3K         |
| PM1210G-3R9K-RC  | CF322513-3R9K         |
| PM1210G-4R7K-RC  | CF322513-4R7K         |
| PM1210G-5R6K-RC  | CF322513-5R6K         |
| PM1210G-6R8K-RC  | CF322513-6R8K         |
| PM1210G-8R2K-RC  | CF322513-8R2K         |
| PM1210G-100K-RC  | CF322513-100K         |
| PM1210G-120K-RC  | CF322513-120K         |
| PM1210G-150K-RC  | CF322513-150K         |
| PM1210G-180K-RC  | CF322513-180K         |
| PM1210G-220K-RC  | CF322513-220K         |
| PM1210G-270K-RC  | CF322513-270K         |
| PM1210G-330K-RC  | CF322513-330K         |
| PM1812G-R10K-RC  | CF453215-R10K         |
| PM1812G-R12K-RC  | CF453215-R12K         |
| PM1812G-R15K-RC  | CF453215-R15K         |
| PM1812G-R18K-RC  | CF453215-R18K         |
| PM1812G-R22K-RC  | CF453215-R22K         |
| PM1812G-R27K-RC  | CF453215-R27K         |
| PM1812G-R33K-RC  | CF453215-R33K         |
| PM1812G-R39K-RC  | CF453215-R39K         |
| PM1812G-R47K-RC  | CF453215-R47K         |

**Chip Inductors - Multilayer**

| Model P/N       | Suggested Alternative |
|-----------------|-----------------------|
| PM1812G-R56K-RC | CF453215-R56K         |
| PM1812G-R68K-RC | CF453215-R68K         |
| PM1812G-R82K-RC | CF453215-R82K         |
| PM1812G-1R0K-RC | CF453215-1R0K         |
| PM1812G-1R2K-RC | CF453215-1R2K         |
| PM1812G-1R5K-RC | CF453215-1R5K         |
| PM1812G-1R8K-RC | CF453215-1R8K         |
| PM1812G-2R2K-RC | CF453215-2R2K         |
| PM1812G-2R7K-RC | CF453215-2R7K         |
| PM1812G-3R3K-RC | CF453215-3R3K         |
| PM1812G-3R9K-RC | CF453215-3R9K         |
| PM1812G-4R7K-RC | CF453215-4R7K         |
| PM1812G-5R6K-RC | CF453215-5R6K         |
| PM1812G-6R8K-RC | CF453215-6R8K         |
| PM1812G-8R2K-RC | CF453215-8R2K         |
| PM1812G-100K-RC | CF453215-100K         |
| PM1812G-120K-RC | CF453215-120K         |
| PM1812G-150K-RC | CF453215-150K         |
| PM1812G-180K-RC | CF453215-180K         |
| PM1812G-220K-RC | CF453215-220K         |
| PM1812G-270K-RC | CF453215-270K         |
| PM1812G-330K-RC | CF453215-330K         |

**Chip Inductors - Wirewound**

| Model P/N*       | Suggested Alternative |
|------------------|-----------------------|
| PM0402T-1N0-RC   | CM100505-1N0DL        |
| PM0402T-1N2-RC   | CM100505-1N2DL        |
| PM0402T-1N5-RC   | CM100505-1N5DL        |
| PM0402T-1N8-RC   | CM100505-1N8DL        |
| PM0402T-2N2-RC   | CM100505-2N2DL        |
| PM0402T-2N7-RC   | CM100505-2N7DL        |
| PM0402T-3N3-RC   | CM100505-3N3DL        |
| PM0402T-3N9-RC   | CM100505-3N9DL        |
| PM0402T-4N7-RC   | CM100505-4N7DL        |
| PM0402T-5N6-RC   | CM100505-5N6DL        |
| PM0402T-6N8-RC   | CM100505-6N8JL        |
| PM0402T-8N2-RC   | CM100505-8N2JL        |
| PM0402T-10NG-RC  | CM100505-10NJL        |
| PM0402T-12NG-RC  | CM100505-12NJL        |
| PM0402T-15NG-RC  | CM100505-15NJL        |
| PM0402T-18NG-RC  | CM100505-18NJL        |
| PM0402T-22NG-RC  | CM100505-22NJL        |
| PM0603H-1N5-RC   | CM160808-1N5DL        |
| PM0603H-1N8-RC   | CM160808-1N8DL        |
| PM0603H-2N2-RC   | CM160808-2N2DL        |
| PM0603H-2N7-RC   | CM160808-2N7DL        |
| PM0603H-3N3-RC   | CM160808-3N3DL        |
| PM0603H-3N9-RC   | CM160808-3N9JL        |
| PM0603H-4N7-RC   | CM160808-4N7JL        |
| PM0603H-5N6-RC   | CM160808-5N6JL        |
| PM0603H-6N8J-RC  | CM160808-6N8JL        |
| PM0603H-8N2J-RC  | CM160808-8N2JL        |
| PM0603H-10NJ-RC  | CM160808-10NJL        |
| PM0603H-12NJ-RC  | CM160808-12NJL        |
| PM0603H-15NJ-RC  | CM160808-15NJL        |
| PM0603H-18NJ-RC  | CM160808-18NJL        |
| PM0603H-22NJ-RC  | CM160808-22NJL        |
| PM0603H-27NJ-RC  | CM160808-27NJL        |
| PM0603H-33NJ-RC  | CM160808-33NJL        |
| PM0603H-39NJ-RC  | CM160808-39NJL        |
| PM0603H-47NJ-RC  | CM160808-47NJL        |
| PM0603H-56NJ-RC  | CM160808-56NJL        |
| PM0603H-68NJ-RC  | CM160808-68NJL        |
| PM0603H-82NJ-RC  | CM160808-82NJL        |
| PM0603H-100NJ-RC | CM160808-R10JL        |
| PM1008M-R010ML   | CM252016-10NKL        |
| PM1008M-R012ML   | CM252016-12NKL        |
| PM1008M-R015ML   | CM252016-15NKL        |
| PM1008M-R018ML   | CM252016-18NKL        |
| PM1008M-R022ML   | CM252016-22NKL        |
| PM1008M-R027ML   | CM252016-27NKL        |
| PM1008M-R033ML   | CM252016-33NKL        |
| PM1008M-R039ML   | CM252016-39NKL        |
| PM1008M-R047ML   | CM252016-47NKL        |

**Chip Inductors - Wirewound**

| Model P/N       | Suggested Alternative |
|-----------------|-----------------------|
| PM1008M-R056ML  | CM252016-56NKL        |
| PM1008M-R068ML  | CM252016-68NKL        |
| PM1008M-R082ML  | CM252016-82NKL        |
| PM1008M-R10ML   | CM252016-R10KL        |
| PM1008M-R12ML   | CM252016-R12KL        |
| PM1008M-R15ML   | CM252016-R15KL        |
| PM1008M-R18ML   | CM252016-R18KL        |
| PM1008M-R22ML   | CM252016-R22ML        |
| PM1008M-R27ML   | CM252016-R27ML        |
| PM1008M-R33ML   | CM252016-R33ML        |
| PM1008M-R39ML   | CM252016-R39ML        |
| PM1008M-R47ML   | CM252016-R47ML        |
| PM1008M-R56ML   | CM252016-R56ML        |
| PM1008M-R68ML   | CM252016-R68ML        |
| PM1008M-R82ML   | CM252016-R82ML        |
| PM1008M-1R0K-RC | CM252016-1R0KL        |
| PM1008M-1R2K-RC | CM252016-1R2KL        |
| PM1008M-1R5K-RC | CM252016-1R5KL        |
| PM1008M-1R8K-RC | CM252016-1R8KL        |
| PM1008M-2R2K-RC | CM252016-2R2KL        |
| PM1008M-2R7K-RC | CM252016-2R7KL        |
| PM1008M-3R3K-RC | CM252016-3R3KL        |
| PM1008M-3R9K-RC | CM252016-3R9KL        |
| PM1008M-4R7K-RC | CM252016-4R7KL        |
| PM1008M-5R6K-RC | CM252016-5R6KL        |
| PM1008M-6R8K-RC | CM252016-6R8KL        |
| PM1008M-8R2K-RC | CM252016-8R2KL        |
| PM1008M-100K-RC | CM252016-100KL        |
| PM1008M-120K-RC | CM252016-120KL        |
| PM1008M-150K-RC | CM252016-150KL        |
| PM1008M-180K-RC | CM252016-180KL        |
| PM1008M-220K-RC | CM252016-220KL        |
| PM1008M-270K-RC | CM252016-270KL        |
| PM1008M-330K-RC | CM252016-330KL        |
| PM1008M-390K-RC | CM252016-390KL        |
| PM1008M-470K-RC | CM252016-470KL        |
| PM1008M-560K-RC | CM252016-560KL        |
| PM1008M-680K-RC | CM252016-680KL        |
| PM1008M-820K-RC | CM252016-820KL        |
| PM1008M-101K-RC | CM252016-101KL        |

\* PM0402T and PM0603H are multilayer.

**Common Mode Inductors**

| Model P/N       | Suggested Alternative |
|-----------------|-----------------------|
| PM0805CM-300-RC | SRF2012-300Y          |
| PM0805CM-670-RC | SRF2012-670Y          |
| PM0805CM-900-RC | SRF2012-900Y          |
| PM0805CM-121-RC | SRF2012-121Y          |
| PM0805CM-161-RC | SRF2012-161Y          |
| PM0805CM-181-RC | SRF2012-181Y          |
| PM0805CM-221-RC | SRF2012-221Y          |
| PM0805CM-261-RC | SRF2012-261Y          |
| PM0805CM-301-RC | SRF2012-301Y          |
| PM0805CM-361-RC | SRF2012-361Y          |
| PM0805CM-371-RC | SRF2012-371Y          |
| PM1206CM-900-RC | SRF3216-900Y          |
| PM1206CM-161-RC | SRF3216-161Y          |
| PM1206CM-221-RC | SRF3216-221Y          |
| PM1206CM-601-RC | SRF3216-601Y          |
| PM1206CM-102-RC | SRF3216-102Y          |
| PM1206CM-222-RC | SRF3216-222Y          |

**Chip Beads**

| Model P/N      | Suggested Alternative |
|----------------|-----------------------|
| PMC0402-100-RC | MU1005-100Y           |
| PMC0402-300-RC | MU1005-300Y           |
| PMC0402-600-RC | MU1005-600Y           |
| PMC0402-121-RC | MU1005-121Y           |
| PMC0402-241-RC | MU1005-241Y           |
| PMC0402-301-RC | MU1005-301Y           |
| PMC0402-601-RC | MU1005-601Y           |
| PMC0402-102-RC | MU1005-102Y           |
| PMC0603-300-RC | MG1608-300Y           |
| PMC0603-600-RC | MU1608-600Y           |
| PMC0603-101-RC | MG1608-101Y           |
| PMC0603-121-RC | MG1608-121Y           |
| PMC0603-151-RC | MU1608-151Y           |
| PMC0603-221-RC | MU1608-221Y           |
| PMC0603-301-RC | MU1608-301Y           |
| PMC0603-601-RC | MZ1608-601Y           |
| PMC0603-102-RC | MZ1608-102Y           |
| PMC0603-152-RC | MZ1608-152Y           |
| PMC0603-202-RC | MG1608-202Y           |
| PMC0805-100-RC | MG2029-100Y           |
| PMC0805-300-RC | MG2029-300Y           |
| PMC0805-600-RC | MU2029-600Y           |
| PMC0805-101-RC | MG2029-101Y           |
| PMC0805-121-RC | MG2029-121Y           |
| PMC0805-151-RC | MU2029-151Y           |
| PMC0805-221-RC | MU2029-221Y           |
| PMC0805-301-RC | MU2029-301Y           |
| PMC0805-601-RC | MZ2029-601Y           |
| PMC0805-102-RC | MZ2029-102Y           |
| PMC0805-152-RC | MZ2029-152Y           |
| PMC0805-202-RC | MZ2029-202Y           |
| PMC1206-300-RC | MU3261-300Y           |
| PMC1206-600-RC | MU3261-600Y           |
| PMC1206-750-RC | MU3261-750Y           |
| PMC1206-101-RC | MU3261-101Y           |
| PMC1206-121-RC | MU3261-121Y           |
| PMC1206-151-RC | MG3261-151Y           |
| PMC1206-221-RC | MU3261-221Y           |
| PMC1206-301-RC | MG3261-301Y           |
| PMC1206-601-RC | MU3261-601Y           |
| PMC1206-102-RC | MU3261-102Y           |
| PMC1206-152-RC | MU3261-152Y           |
| PMC1206-202-RC | MU3261-202Y           |
| PMH0603-100-RC | MH1608-100Y           |
| PMH0603-300-RC | MH1608-300Y           |
| PMH0603-600-RC | MH1608-600Y           |
| PMH0603-101-RC | MH1608-101Y           |
| PMH0603-121-RC | MH1608-121Y           |
| PMH0603-151-RC | MH1608-151Y           |

**Chip Beads**

| Model P/N       | Suggested Alternative |
|-----------------|-----------------------|
| PMH0603-221-RC  | MH1608-221Y           |
| PMH0603-301-RC  | MH1608-301Y           |
| PMH0603-601-RC  | MH1608-601Y           |
| PMH0805-100-RC  | MH2029-100Y           |
| PMH0805-300-RC  | MH2029-300Y           |
| PMH0805-400-RC  | MH2029-400Y           |
| PMH0805-600-RC  | MH2029-600Y           |
| PMH0805-800-RC  | MH2029-800Y           |
| PMH0805-101-RC  | MH2029-101Y           |
| PMH0805-121-RC  | MH2029-121Y           |
| PMH0805-201-RC  | MH2029-221Y           |
| PMH0805-301-RC  | MH2029-301Y           |
| PMH0805-401-RC  | MH2029-401Y           |
| PMH0805-601-RC  | MH2029-601Y           |
| PMH0805-102-RC  | NA                    |
| PMH1206-300-RC  | MH3261-310Y           |
| PMH1206-500-RC  | MH3261-500Y           |
| PMH1206-700-RC  | MH3261-700Y           |
| PMH1206-800-RC  | MH3261-800Y           |
| PMH1206-900-RC  | MH3261-900Y           |
| PMH1206-101-RC  | MH3261-101Y           |
| PMH1206-121-RC  | MH3261-121Y           |
| PMH1206-501-RC  | MH3261-501Y           |
| PMH1206-601-RC  | MH3261-601Y           |
| PMA1206L-300-RC | NA                    |
| PMA1206L-600-RC | MA3216-600M4          |
| PMA1206L-121-RC | MA3216-121M4          |
| PMA1206L-241-RC | MA3216-201M4          |
| PMA1206L-301-RC | MA3216-301M4          |
| PMA1206L-471-RC | MA3216-471M4          |
| PMA1206L-601-RC | MA3216-601M4          |
| PMA1206L-102-RC | MA3216-102M4          |
| PMA1206H-600-RC | MA3216-600T4          |
| PMA1206H-121-RC | MA3216-121T4          |
| PMA1206H-221-RC | MA3216-201T4          |
| PMA1206H-471-RC | NA                    |
| PMA1206H-601-RC | MA3216-601T4          |