



Featured Products Bulletin

MAGNETICS



Revision 1 Update - Optimization Plan Magnetics - July, 2009

Riverside, California - December 3, 2009 - This is a revision for the suggested alternative models for the following:

PM1210G alternative was [CF322513](#) new is [CM322522](#)
PM1812G alternative was [CF453215](#) new is [CM453232](#)

The CM45 and CM32 are well-known models and most distributors stock these parts, whereas the CF models are less popular. The CF models are multilayer while the CM series are the wirewound alternatives.

The last order date for the CF models is March 31, 2010. Thereafter, only orders for the alternative models listed above will be accepted.

To assist you in finding the proper part number, a list of individual cross part numbers for the *Not Recommended for New Design* parts to the *Alternative* parts is included with the corrected alternatives to the CM45 and CM32 models shown in **RED**.

Chip Inductors - Multilayer

Model P/N	Suggested Alternative
PM0402-1N0-RC	CI100505-1N0D
PM0402-1N2-RC	CI100505-1N2D
PM0402-1N5-RC	CI100505-1N5D
PM0402-1N8-RC	CI100505-1N8D
PM0402-2N2-RC	CI100505-2N2D
PM0402-2N7-RC	CI100505-2N7D
PM0402-3N3-RC	CI100505-3N3D
PM0402-3N9-RC	CI100505-3N9D
PM0402-4N7-RC	CI100505-4N7D
PM0402-5N6-RC	CI100505-5N6D
PM0402-6N2-RC	CI100505-6N8J
PM0402-8N2-RC	CI100505-8N2J
PM0402-10NJ-RC	CI100505-10NJ
PM0402-12NJ-RC	CI100505-12NJ
PM0402-15NJ-RC	CI100505-15NJ
PM0402-18NJ-RC	CI100505-18NJ
PM0402-22NJ-RC	CI100505-22NJ
PM0402-27NJ-RC	CI100505-27NJ
PM0402-33NJ-RC	CI100505-33NJ
PM0402-39NJ-RC	CI100505-39NJ
PM0402-47NJ-RC	CI100505-47NJ
PM0402-56NJ-RC	CI100505-56NJ
PM0603T-1N0-RC	CI160808-1N0D
PM0603T-1N2-RC	CI160808-1N2D
PM0603T-1N5-RC	CI160808-1N5D
PM0603T-1N8-RC	CI160808-1N8D
PM0603T-2N2-RC	CI160808-2N2D
PM0603T-2N7-RC	CI160808-2N7D
PM0603T-3N3-RC	CI160808-3N3D
PM0603T-3N9-RC	CI160808-3N9D
PM0603T-4N7-RC	CI160808-4N7D
PM0603T-5N6-RC	CI160808-5N6D
PM0603T-6N8J-RC	CI160808-6N8J
PM0603T-8N2J-RC	CI160808-8N2J
PM0603T-10NG-RC	CI160808-10NJ
PM0603T-12NG-RC	CI160808-12NJ
PM0603T-15NG-RC	CI160808-15NJ
PM0603T-18NG-RC	CI160808-18NJ
PM0603T-22NG-RC	CI160808-22NJ
PM0603T-27NG-RC	CI160808-27NJ
PM0603T-33NG-RC	CI160808-33NJ
PM0603T-39NG-RC	CI160808-39NJ
PM0603T-47NG-RC	CI160808-47NJ
PM0603T-56NG-RC	CI160808-56NJ
PM0603T-68NG-RC	CI160808-68NJ
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	CM322522-R12ML
PM1210G-R15K-RC	CM322522-R15ML
PM1210G-R18K-RC	CM322522-R18ML
PM1210G-R22K-RC	CM322522-R22ML
PM1210G-R27K-RC	CM322522-R27ML
PM1210G-R33K-RC	CM322522-R33ML
PM1210G-R39K-RC	CM322522-R39ML
PM1210G-R47K-RC	CM322522-R47ML
PM1210G-R56K-RC	CM322522-R56ML
PM1210G-R68K-RC	CM322522-R68ML
PM1210G-R82K-RC	CM322522-R82ML
PM1210G-1R0K-RC	CM322522-1R0KL
PM1210G-1R2K-RC	CM322522-1R2KL
PM1210G-1R5K-RC	CM322522-1R5KL
PM1210G-1R8K-RC	CM322522-1R8KL
PM1210G-2R2K-RC	CM322522-2R2KL
PM1210G-2R7K-RC	CM322522-2R7KL
PM1210G-3R3K-RC	CM322522-3R3KL
PM1210G-3R9K-RC	CM322522-3R9KL
PM1210G-4R7K-RC	CM322522-4R7KL
PM1210G-5R6K-RC	CM322522-5R6KL
PM1210G-6R8K-RC	CM322522-6R8KL
PM1210G-8R2K-RC	CM322522-8R2KL
PM1210G-100K-RC	CM322522-100KL
PM1210G-120K-RC	CM322522-120KL
PM1210G-150K-RC	CM322522-150KL
PM1210G-180K-RC	CM322522-180KL
PM1210G-220K-RC	CM322522-220KL
PM1210G-270K-RC	CM322522-270KL
PM1210G-330K-RC	CM322522-330KL
PM1812G-R10K-RC	CM453232-R10ML
PM1812G-R12K-RC	CM453232-R12ML
PM1812G-R15K-RC	CM453232-R15ML
PM1812G-R18K-RC	CM453232-R18ML
PM1812G-R22K-RC	CM453232-R22ML
PM1812G-R27K-RC	CM453232-R27ML
PM1812G-R33K-RC	CM453232-R33ML
PM1812G-R39K-RC	CM453232-R39ML
PM1812G-R47K-RC	CM453232-R47ML

Chip Inductors - Multilayer

Model P/N	Suggested Alternative
PM1812G-R56K-RC	CM453232-R56ML
PM1812G-R68K-RC	CM453232-R68ML
PM1812G-R82K-RC	CM453232-R82ML
PM1812G-1R0K-RC	CM453232-1R0KL
PM1812G-1R2K-RC	CM453232-1R2KL
PM1812G-1R5K-RC	CM453232-1R5KL
PM1812G-1R8K-RC	CM453232-1R8KL
PM1812G-2R2K-RC	CM453232-2R2KL
PM1812G-2R7K-RC	CM453232-2R7KL
PM1812G-3R3K-RC	CM453232-3R3KL
PM1812G-3R9K-RC	CM453232-3R9KL
PM1812G-4R7K-RC	CM453232-4R7KL
PM1812G-5R6K-RC	CM453232-5R6KL
PM1812G-6R8K-RC	CM453232-6R8KL
PM1812G-8R2K-RC	CM453232-8R2KL
PM1812G-100K-RC	CM453232-100KL
PM1812G-120K-RC	CM453232-120KL
PM1812G-150K-RC	CM453232-150KL
PM1812G-180K-RC	CM453232-180KL
PM1812G-220K-RC	CM453232-220KL
PM1812G-270K-RC	CM453232-270KL
PM1812G-330K-RC	CM453232-330KL

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

* PM0402T and PM0603H are multilayer.

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

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	N/A
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	N/A
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	N/A
PMA1206H-601-RC	MA3216-601T4