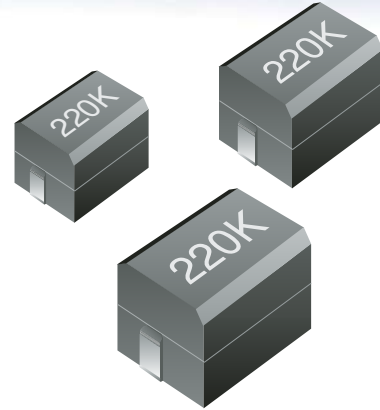


BOURNS® Product Update Memo

December, 2006

Bourns Manufacturers Representatives
Corporate Distributor Product Managers
Americas Sales Team
Asia Sales Team
Europe Sales Team
Bourns Internal
Bourns Plant Managers



Bourns® / JW Miller Models PM20 and PM40 to be Replaced by Models CM322522 and CM453232 by December, 2007

Bourns®/JW Miller Model PM20 will be replaced by [Model CM322522](#), and Model PM40 will be replaced by [Model CM453232](#) by December 2007. Models PM20 and PM40 have slightly longer terminals than Models CM322522 and CM453232. In some cases, the current ratings of the inductors are not identical. Otherwise, the noted pairs of inductors are equivalent.

A list of all of the part numbers for the PM20 and PM40 chip inductors, the corresponding equivalent CM322522 and CM453232 part numbers, and their current ratings is attached for your reference.

IC0654

PM20 Part No.	Current Rating (mA DC)	CM322522 Equivalent	Current Rating (mA DC)
PM20-R010M	450	None	N/A
PM20-R012M	450	None	N/A
PM20-R015M	450	None	N/A
PM20-R018M	450	None	N/A
PM20-R022M	450	None	N/A
PM20-R027M	450	None	N/A
PM20-R033M	450	None	N/A
PM20-R039M	450	None	N/A
PM20-R047M	450	CM322522-47NML	450
PM20-R056M	450	CM322522-56NML	420
PM20-R068M	450	CM322522-68NML	400
PM20-R082M	450	CM322522-82NML	380
PM20-R10M	450	CM322522-R10ML	300
PM20-R12M	450	CM322522-R12ML	240
PM20-R15M	450	CM322522-R15ML	230
PM20-R18M	450	CM322522-R18ML	220
PM20-R22M	450	CM322522-R22ML	360
PM20-R27M	450	CM322522-R27ML	345
PM20-R33M	450	CM322522-R33ML	330
PM20-R39M	450	CM322522-R39ML	305
PM20-R47M	450	CM322522-R47ML	290
PM20-R56M	450	CM322522-R56ML	275
PM20-R68M	450	CM322522-R68ML	260
PM20-R82M	450	CM322522-R82ML	245
PM20-1R0K	400	CM322522-1R0KL	230
PM20-1R2K	390	CM322522-1R2KL	215
PM20-1R5K	370	CM322522-1R5KL	210
PM20-1R8K	350	CM322522-1R8KL	200
PM20-2R2K	320	CM322522-2R2KL	190
PM20-2R7K	290	CM322522-2R7KL	180
PM20-3R3K	260	CM322522-3R3KL	180
PM20-3R9K	250	CM322522-3R9KL	175
PM20-4R7K	220	CM322522-4R7KL	165
PM20-5R6K	200	CM322522-5R6KL	160
PM20-6R8K	180	CM322522-6R8KL	150
PM20-8R2K	170	CM322522-8R2KL	140
PM20-100K	150	CM322522-100KL	140
PM20-120K	140	CM322522-120KL	125
PM20-150K	130	CM322522-150KL	120
PM20-180K	120	CM322522-180KL	110
PM20-220K	110	CM322522-220KL	105
PM20-270K	80	CM322522-270KL	90
PM20-330K	70	CM322522-330KL	85
PM20-390K	65	CM322522-390KL	80
PM20-470K	60	CM322522-470KL	75
PM20-560K	55	CM322522-560KL	70
PM20-680K	50	CM322522-680KL	65
PM20-820K	45	CM322522-820KL	60
PM20-101K	40	CM322522-101KL	60
PM20-121K	70	CM322522-121KL	55
PM20-151K	65	CM322522-151KL	50
PM20-181K	60	CM322522-181KL	50
PM20-221K	50	CM322522-221KL	45

PM40 Part No.	Current Rating (mA DC)	CM453232 Equivalent	Current Rating (mA DC)
PM40-R10M	450	CM453232-R10ML	800
PM40-R12M	450	CM453232-R12ML	770
PM40-R15M	450	CM453232-R15ML	730
PM40-R18M	450	CM453232-R18ML	700
PM40-R22M	450	CM453232-R22ML	665
PM40-R27M	450	CM453232-R27ML	635
PM40-R33M	450	CM453232-R33ML	605
PM40-R39M	450	CM453232-R39ML	575
PM40-R47M	450	CM453232-R47ML	545
PM40-R56M	450	CM453232-R56ML	520
PM40-R68M	450	CM453232-R68ML	500
PM40-R82M	450	CM453232-R82ML	475
PM40-1R0K	450	CM453232-1R0KL	450
PM40-1R2K	430	CM453232-1R2KL	430
PM40-1R5K	410	CM453232-1R5KL	410
PM40-1R8K	390	CM453232-1R8KL	390
PM40-2R2K	380	CM453232-2R2KL	380
PM40-2R7K	370	CM453232-2R7KL	370
PM40-3R3K	355	CM453232-3R3KL	355
PM40-3R9K	330	CM453232-3R9KL	330
PM40-4R7K	315	CM453232-4R7KL	315
PM40-5R6K	300	CM453232-5R6KL	300
PM40-6R8K	285	CM453232-6R8KL	285
PM40-8R2K	270	CM453232-8R2KL	270
PM40-100K	250	CM453232-100KL	250
PM40-120K	225	CM453232-120KL	225
PM40-150K	200	CM453232-150KL	200
PM40-180K	190	CM453232-180KL	190
PM40-220K	180	CM453232-220KL	180
PM40-270K	170	CM453232-270KL	170
PM40-330K	160	CM453232-330KL	160
PM40-390K	150	CM453232-390KL	150
PM40-470K	140	CM453232-470KL	140
PM40-560K	135	CM453232-560KL	135
PM40-680K	130	CM453232-680KL	130
PM40-820K	120	CM453232-820KL	120
PM40-101K	110	CM453232-101KL	110
PM40-121K	110	CM453232-121KL	110
PM40-151K	105	CM453232-151KL	105
PM40-181K	102	CM453232-181KL	102
PM40-221K	100	CM453232-221KL	100
PM40-271K	92	CM453232-271KL	92
PM40-331K	85	CM453232-331KL	85
PM40-391K	80	CM453232-391KL	80
PM40-471K	62	CM453232-471KL	62
PM40-561K	50	CM453232-561KL	50
PM40-681K	50	CM453232-681KL	50
PM40-821K	30	CM453232-821KL	30
PM40-102K	30	CM453232-102KL	30

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[PM20-R082M-RC](#) [PM40-1R0K-RC](#) [PM40-101K-RC](#) [PM40-560K-RC](#) [PM40-330K-RC](#) [PM40-820K-RC](#) [PM40-271K-](#)
[RC](#) [PM40-471K](#) [PM40-4R7K](#) [PM40-560K](#) [PM40-561K](#) [PM40-6R8K](#) [PM40-1R5K-RC](#) [PM40-331K](#) [PM40-390K](#)
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[R33M](#) [PM20-R39M](#) [PM20-R47M](#) [PM20-R56M](#) [PM20-R68M](#) [PM20-R047M](#) [PM20-R056M](#) [PM20-R068M](#) [PM20-](#)
[R082M](#) [PM20-R12M](#) [PM20-R15M](#) [PM20-680K](#) [PM20-R010M](#) [PM20-R015M](#) [PM20-R018M](#) [PM20-R022M](#) [PM20-](#)
[R027M](#) [PM20-330K](#) [PM20-390K](#) [PM20-3R3K](#) [PM20-3R9K](#) [PM20-470K](#) [PM20-5R6K](#) [PM20-1R5K](#) [PM20-220K](#)
[PM20-221K](#) [PM20-270K](#) [PM20-2R2K](#) [PM20-2R7K](#)