



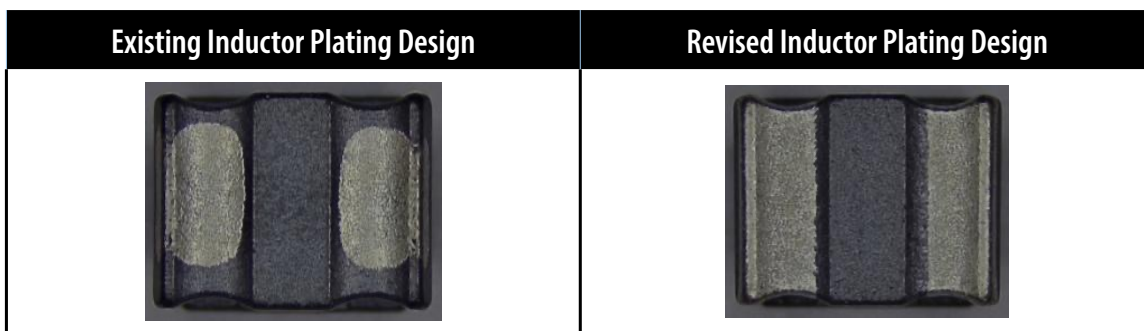
# PRODUCT CHANGE NOTIFICATION

## MAGNETICS

### Bourns® Model CQ322522 and CQ453232 Series Non-shielded Power Inductors *Change to Plating Design*

Riverside, California – July 18, 2023 – As part of our continuous improvement efforts, effective July 24, 2023, Bourns will change the plating design for the Model CQ322522 and CQ453232 Series Non-shielded Power Inductors. The modified plating design will have full coverage to improve the solderability of the component. A list of affected part numbers is included below.

Affected Part Numbers					
CQ322522-1R0M	CQ322522-120K	CQ322522-151K	CQ453232-3R3M	CQ453232-390K	CQ453232-471K
CQ322522-1R2M	CQ322522-150K	CQ322522-181K	CQ453232-3R9M	CQ453232-470K	CQ453232-561K
CQ322522-1R5M	CQ322522-180K	CQ322522-221K	CQ453232-4R7M	CQ453232-560K	CQ453232-681K
CQ322522-1R8M	CQ322522-220K	CQ322522-271K	CQ453232-5R6M	CQ453232-680K	CQ453232-821K
CQ322522-2R2M	CQ322522-270K	CQ322522-331K	CQ453232-6R8M	CQ453232-820K	CQ453232-102K
CQ322522-2R7M	CQ322522-330K	CQ322522-391K	CQ453232-8R2M	CQ453232-101K	CQ453232-122K
CQ322522-3R3M	CQ322522-390K	CQ322522-471K	CQ453232-100M	CQ453232-121K	CQ453232-152K
CQ322522-3R9M	CQ322522-470K	CQ322522-561K	CQ453232-120M	CQ453232-151K	CQ453232-182K
CQ322522-4R7M	CQ322522-560K	CQ453232-1R0M	CQ453232-150M	CQ453232-181K	CQ453232-222K
CQ322522-5R6M	CQ322522-680K	CQ453232-1R5M	CQ453232-180M	CQ453232-221K	
CQ322522-6R8M	CQ322522-820K	CQ453232-1R8M	CQ453232-220K	CQ453232-271K	
CQ322522-8R2M	CQ322522-101K	CQ453232-2R2M	CQ453232-270K	CQ453232-331K	
CQ322522-100K	CQ322522-121K	CQ453232-2R7M	CQ453232-330K	CQ453232-391K	



Users should verify that the described changes will not impact the performance of the product in their specific applications.

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The form of the affected inductors will change slightly due to the plating design change. The fit, function, and specifications of the affected part numbers will remain the same. The quality and reliability of the affected inductors should be improved as a result of the design change. Traceability will be maintained through lot code and date code.

Samples are available upon request. Bourns recommends that customers test the affected part numbers in their specific applications for verification of satisfactory performance.

**Implementation dates are as follows:**

Date that products manufactured with the existing design will cease: ***July 23, 2023***

Date that deliveries of products manufactured using the new design will begin: ***July 24, 2023***

First date code using the above changes: ***2330***

*If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).*