

PRODUCT CHANGE NOTIFICATION

MAGNETICS



Bourns® Model PM7032S and SRR7032 Series Shielded Power Inductors Change to Inductor Core, Shield and Winding Design

Riverside, California – September 23, 2021 – Effective March 19, 2022, Bourns will change the inductor core, shield and winding design for the [Model PM7032S](#) and [SRR7032 Series Shielded Power Inductors](#) to improve the component's quality and reliability.

- **All part numbers of PM7032S and SRR7032 series:** There will be a new core design that is constructed without the round slots to increase inductance stability.
- **All part numbers of PM7032S and SRR7032 series:** There will be a new shield design that includes eight protrusion lines along the inside diameter of the shield to facilitate consistent gapping between the core and shield.
- **Select part numbers with inductance values 47 – 1000 μ H of PM7032S and SRR7032 series:** The wire insulation thermal class will be upgraded to 180 °C from 150 °C.
- **Select part numbers with inductance values 2.2 – 33 μ H of PM7032S and SRR7032 series:** The winding will change from multiple wire strands to a single strand in larger wire diameter to increase manufacturing efficiency. The inductor DC Resistance (DCR) specification remains unchanged.

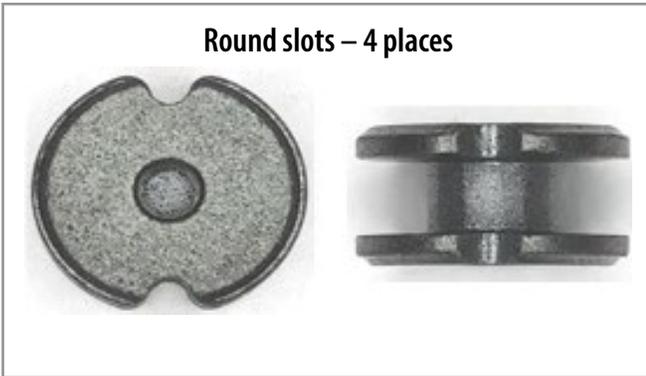
Affected Part Numbers			
PM7032S-100M-RC	PM7032S-331M-RC	SRR7032-100M	SRR7032-331M
PM7032S-101M-RC	PM7032S-3R3M-RC	SRR7032-101M	SRR7032-3R3M
PM7032S-102M-RC	PM7032S-470M-RC	SRR7032-102M	SRR7032-470M
PM7032S-150M-RC	PM7032S-471M-RC	SRR7032-150M	SRR7032-471M
PM7032S-151M-RC	PM7032S-4R7M-RC	SRR7032-151M	SRR7032-4R7M
PM7032S-220M-RC	PM7032S-680M-RC	SRR7032-220M	SRR7032-680M
PM7032S-221M-RC	PM7032S-681M-RC	SRR7032-221M	SRR7032-681M
PM7032S-2R2M-RC	PM7032S-6R8M-RC	SRR7032-2R2M	SRR7032-6R8M
PM7032S-330M-RC		SRR7032-330M	

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

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Existing Core Design

Round slots – 4 places



New Core Design

Round slots excluded



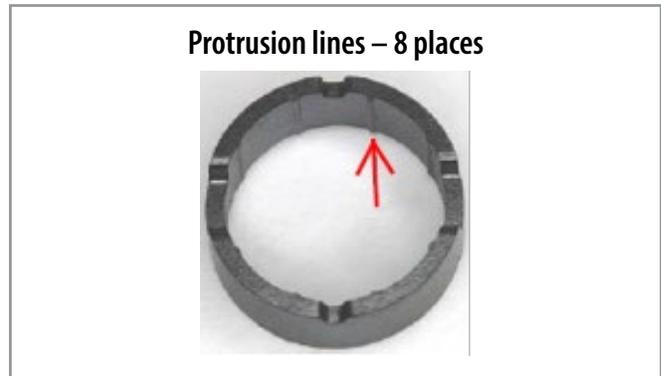
Existing Shield Design

No protrusion lines



New Shield Design

Protrusion lines – 8 places



Existing Complete Inductor



New Complete Inductor



The form of the inductor will change due to the modification of the core, shield and wire strand. The fit and function will remain the same. The quality and reliability of the component should be improved.

Samples of the new inductor design are available upon request.

Implementation dates are as follows:

Date that products in existing design will cease: *March 19, 2022*

Date that deliveries of products in new design will begin: *March 20, 2022*

First date code using the above changes: *2212*

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