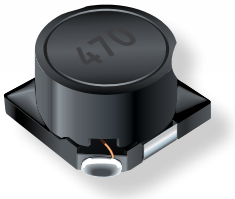
BOURNS®

Product Change Notification

INDUCTIVE COMPONENTS



September, 2016

Bourns® Model SRR7045-102M Shielded Power Inductor

Change to Ferrite Shield and Core Design

Bourns is making changes to the ferrite shield and core design of the Model SRR7045-102M Shielded Power Inductor to aid in the assembly process. Four protrusion lines will be added, evenly distributed, along the inside diameter of the shield to facilitate proper gapping between the core and shield during the assembly process. The dimension of the ferrite shield and the core will be adjusted, as well. For your convenience, Tables 1-3 list the details.

The form and fit of the inductor will be changing while the function will not change. The quality and reliability of the inductor are expected to be enhanced by the change.

Affected Part Number
SRR7045-102M

Note: Other part numbers in the Model SRR7045 Series are not affected by this change.

Implementation dates are as follows:

Date that manufacturing of existing products will cease: ***September 17, 2016***
Date that manufacturing of modified products will begin: ***September 18, 2016***
First date code using the above changes: ***1639***

Product samples are available upon request.

Table 1 - Ferrite Shield - Protrusion Lines

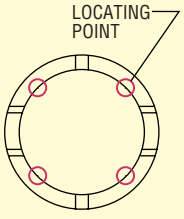
Current	Revised
Protrusion Lines: None 	Protrusion Lines: 4  

Table 2 - Ferrite Shield - Dimensions

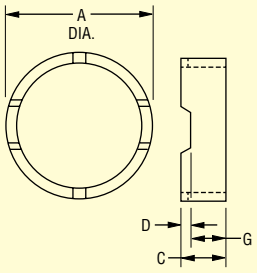
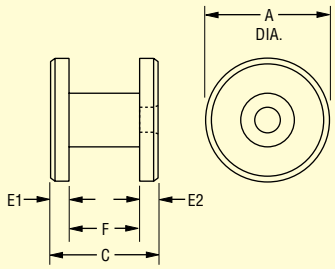
Model SRR7045-102M	Current		Revised	
	Dim.	Value	Dim.	Value
	A	6.70 ± 0.10 (.264 ± .004)	A	6.80 ± 0.07 (.268 ± .003)
	C	3.80 ± 0.10 (.150 ± .004)	C	3.90 ± 0.10 (.154 ± .004)
	D	0.60 ± 0.10 (.024 ± .004)	D	0.80 ± 0.10 (.031 ± .004)
	G	3.25 ± 0.10 (.128 ± .004)	G	3.10 ± 0.10 (.122 ± .004)

Table 3 - Core - Dimensions

Bottom View	Current		Revised	
	Dim.	Value	Dim.	Value
	A	5.30± 0.10 (.209 ± .004)	A	5.30 ± 0.07 (.209 ± .003)
	C	4.00 ± 0.08 (.157 ± .003)	C	4.10 ± 0.08 (.161 ± .003)
	E1/E2	0.70 ± 0.10 (.028 ± .004)	E1/E2	0.60 ± 0.10 (.024 ± .004)
	F	2.60 ± 0.10 (.102 ± .004)	F	2.90 ± 0.10 (.114 ± .004)

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