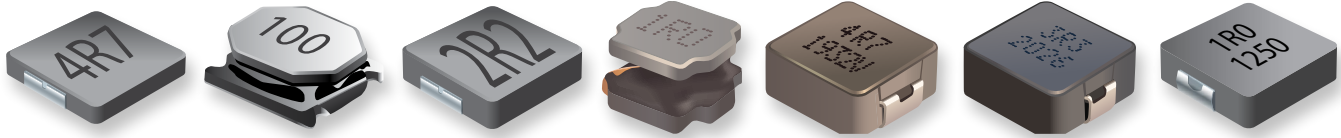




# PRODUCT CHANGE NOTIFICATION

## MAGNETICS



### Select SRN Series Semi-shielded Power Inductors and SRP Series Shielded Power Inductors

#### Carrier Tape and Reel Temporary Change to Alternate Supplier

Riverside, California - June 28, 2022 – Due to the impact of COVID-19, the carrier tape and reel supplier in China for select Model SRN Series Semi-shielded Power Inductors and SRP Series Shielded Power Inductors paused production in April 2022 unexpectedly.

In order to support on-time delivery and provide continuity of supply to customers, Bourns approved an alternate supplier to temporarily fill the supply gap. From date codes 2217 to 2221 (April 24, 2022 to May 28, 2022), certain SRN and SRP series inductors were packaged with the temporary alternate carrier tape and reel. No changes were made to the power inductors themselves. A list of affected part numbers and the respective date codes for which the temporary alternate carrier tape and reel were used is provided below.

The differences between the original and temporary alternate carrier tape and reel are highlighted below. Bourns conducted studies of the differences and concluded that the temporary alternate carrier tape and reel should have no impact on customers' then existing pick and place operations.

#### 1. Affected Series and Date Code

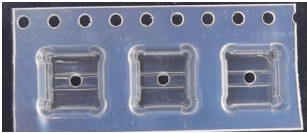
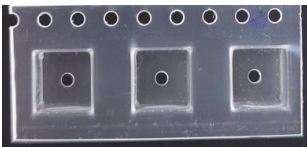
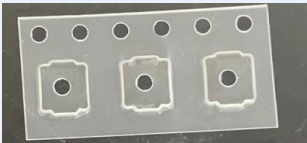
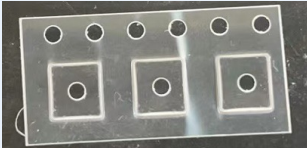
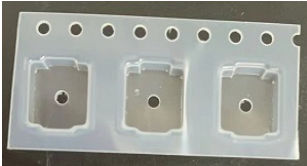
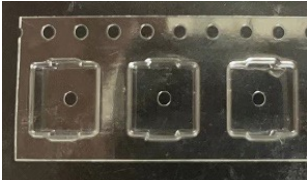
Affected Part Numbers	Date code		
	Original T & R Ends	Temporary T & R Period	Original T & R Returns
<a href="#">SRP4020TA</a>	2216	2217~2220	2221
<a href="#">SRP4012TA</a> , <a href="#">SRN5020TA</a>	2217	2218~2221	2222
<a href="#">SRP7028A</a> , <a href="#">SRP7028AA</a> , <a href="#">SRP6030VA</a> , <a href="#">SRN5040TA</a> , <a href="#">SRN6045TA</a>	2216	2217~2221	2222

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

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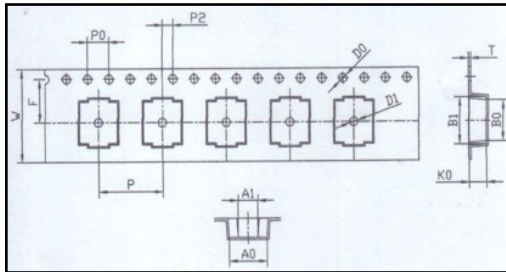
## 2. Carrier tape:

### 2.1 Comparison of appearance

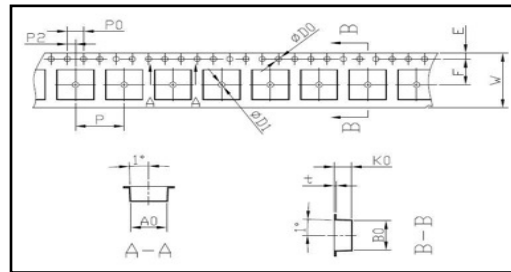
Series	Type	Appearance	Difference
SRN5020TA, SRN5040TA, SRN6045TA	Original		<b>Structure of pocket:</b> Larger radius corner <b>Color:</b> Transparent, slightly white
	Temporary		<b>Structure of pocket:</b> Right angle corner <b>Color:</b> Transparent
SRP4020TA, SRP4012TA	Original		<b>Structure of pocket:</b> Stepped corner <b>Color:</b> Transparent, slightly white
	Temporary		<b>Structure of pocket:</b> Right angle corner <b>Color:</b> Transparent, slightly white
SRP7028A, SRP7028AA, SRP6030VA	Original		<b>Structure of pocket:</b> Stepped corner <b>Color:</b> Transparent, slightly white
	Temporary		<b>Structure of pocket:</b> Stepped corner <b>Color:</b> Transparent

## 2.2 Comparison of dimensions:

**Original**





**Temporary**



Series	Type	W (mm)	P (mm)	D0 (mm)	P0 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	t (mm)
SRP4020TA	Original	12.0±0.3	8.0±0.1	1.5+0.1/-0	4.0±0.1	4.25±0.1	5.10±0.1	2.4±0.1	0.35±0.05
	Temporary	12.0±0.3	8.0±0.1	1.55±0.05	4.0±0.1	4.45+0.1/-0.05	4.85+0.1/-0.05	2.3±0.1	0.35±0.05
SRP4012TA	Original	12.0±0.3	8.0±0.1	1.5+0.1/-0	4.0±0.1	4.25±0.1	4.9±0.1	1.3±0.1	0.35±0.05
	Temporary	12.0±0.3	8.0±0.1	1.55±0.05	4.0±0.1	4.45+0.1/-0.05	4.85+0.1/-0.05	1.4±0.1	0.35±0.05
SRP7028A, SRP7028AA, SRP6030VA	Original	16.0±0.3	12.0±0.1	1.5+0.1/-0	4.0±0.1	7.1±0.1	7.1±0.1	3.15±0.1	0.35±0.05
	Temporary	16.0±0.3	12.0±0.1	1.5+0.1/-0	4.0±0.1	7.1±0.1	7.1±0.1	3.15±0.1	0.35±0.05
SRN5020TA	Original	12.0±0.3	8.0±0.1	1.50±0.1	4.0±0.1	5.40±0.1	5.40±0.1	2.20±0.1	0.35±0.05
	Temporary	12.0±0.1	8.0±0.1	1.55±0.05	4.0±0.1	5.30±0.1	5.30±0.1	2.30±0.1	0.35±0.05
SRN5040TA	Original	12.0±0.3	8.0±0.1	1.50±0.1	4.0±0.1	5.40±0.1	5.40±0.1	4.30±0.1	0.40±0.05
	Temporary	12.0±0.1	8.0±0.1	1.55±0.05	4.0±0.1	5.30±0.1	5.30±0.1	4.30±0.1	0.40±0.05
SRN6045TA	Original	16.0±0.3	12.0±0.1	1.50±0.1	4.0±0.1	6.40±0.1	6.40±0.1	4.70±0.1	0.40±0.05
	Temporary	16+0.2/-0.3	12.0±0.1	1.55±0.05	4.0±0.1	6.40±0.1	6.40±0.1	4.7+0.1/-0.05	0.40±0.05

### 3. Comparison of Reel:

Series	Type	Appearance	Difference
SRN5020TA, SRN5040TA, SRN6045TA SRP4020TA, SRP4012TA, SRP7028A, SRP7028AA, SRP6030VA	Original		<b>Structure:</b> Lighter demolding marks <b>Color:</b> Light blue
	Temporary		<b>Structure:</b> Deeper demolding marks <b>Color:</b> Dark blue

Note: Dimensions are the same

There was no change to the form, fit, function, quality and reliability of the affected part numbers.

#### Implementation dates were as follows:

Date codes using the temporary alternate carrier tape and reel supplier: **2217 to 2221 (varies by Affected Part Number)**

Date codes when Bourns returned to using the prior carrier tape and reel supplier: **2221 or 2222 (varies by Affected Part Number)**

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