



# PRODUCT CHANGE NOTIFICATION

## CIRCUIT PROTECTION PRODUCTS



### **Bourns Announces Changes to Select TISP® Thyristor Surge Protector and LED Shunt Protector Products**

***Mold compound, leadframe design and density, clip internal design and material composition***

Riverside, California – June 16, 2020 – In the spirit of continuous improvement, effective August 17, 2020, Bourns is making the following changes to select TISP® Thyristor Surge Protector and LED Shunt Protector products:

- (i) Change in mold compound due to phasing out of the current mold compound;
- (ii) Change in the leadframe design and material incorporating an increased pad size and reduced die pad pedestal;
- (iii) Change in the clip internal material with reduced dimple size and dimple shape change from square to round; and
- (iv) Conversion from a 6 x 18 leadframe to a higher density 20 x 20 leadframe for improved production efficiency.

These changes have no impact on the form, fit, function, quality or reliability of the affected products. The product marking and label will remain unchanged. The changes to materials, mold compound, leadframe design and density, clip internal design and material composition will improve the production process for the affected parts.

Evaluation samples and qualification data are available upon request. Affected part numbers are listed on page 2.

Implementation dates are as follows:

Date manufacturing of existing products will cease: **August 17, 2020**

Date of deliveries of modified products: **August 18, 2020**

First date code using the above changes: **2034**

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



**Affected Part Numbers**

<a href="#">TISP4070L3AJR-S</a>	<a href="#">TISP4240L3AJR-S</a>	<a href="#">TISP4070M3AJR-S</a>	<a href="#">TISP4180M3AJR-S</a>	<a href="#">TISP4320M3AJR-S</a>	<a href="#">LSP0900AJR-S</a>
<a href="#">TISP4080L3AJR-S</a>	<a href="#">TISP4260L3AJR-S</a>	<a href="#">TISP4080M3AJR-S</a>	<a href="#">TISP4200M3AJR-S</a>	<a href="#">TISP4350M3AJR-S</a>	<a href="#">LSP1300AJR-S</a>
<a href="#">TISP4090L3AJR-S</a>	<a href="#">TISP4290L3AJR-S</a>	<a href="#">TISP4090M3AJR-S</a>	<a href="#">TISP4220M3AJR-S</a>	<a href="#">TISP4360M3AJR-S</a>	<a href="#">LSP1800AJR-S</a>
<a href="#">TISP4125L3AJR-S</a>	<a href="#">TISP4320L3AJR-S</a>	<a href="#">TISP4095M3AJR-S</a>	<a href="#">TISP4240M3AJR-S</a>	<a href="#">TISP4395M3AJR-S</a>	
<a href="#">TISP4145L3AJR-S</a>	<a href="#">TISP4350L3AJR-S</a>	<a href="#">TISP4115M3AJR-S</a>	<a href="#">TISP4250M3AJR-S</a>	TISP4300MMAJR-S	
<a href="#">TISP4165L3AJR-S</a>	<a href="#">TISP4360L3AJR-S</a>	<a href="#">TISP4125M3AJR-S</a>	<a href="#">TISP4265M3AJR-S</a>	TISP4350MMAJR-S	
<a href="#">TISP4180L3AJR-S</a>	<a href="#">TISP4395L3AJR-S</a>	<a href="#">TISP4145M3AJR-S</a>	<a href="#">TISP4290M3AJR-S</a>	TISP4360MMAJR-S	
<a href="#">TISP4220L3AJR-S</a>	TISP4400L3AJR-S	<a href="#">TISP4165M3AJR-S</a>	<a href="#">TISP4300M3AJR-S</a>	<a href="#">LSP0600AJR-S</a>	