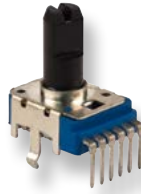


# PRODUCT CHANGE NOTIFICATION

## POTENTIOMETERS



## Housing Material Changes for Bourns® 12 mm Potentiometers

### Model PTV112 Series

Riverside, California – February 3, 2021 – As part of our continuous improvement efforts, effective May 1st, 2021, the housing substrate material and form of the [Model PTV112 12 mm Potentiometers Series](#) will change. The phenolic resin board currently used will be replaced with FR-4.

Phenolic resin countertops are manufactured by layering kraft papers saturated in resin. A heat-intensive process forms the layers into a solid product. FR-4 is a mixture of resin, silica, fillers, and hardeners formed into a solid product. Thus, the use of FR-4 should improve quality. Support pins will be added to the housing to help improve the quality of the affected product.

Current Housing	New Housing
<ol style="list-style-type: none"> <li>1. Substrate material: Phenolic resin board</li> <li>2. Form of housing change</li> </ol>	<ol style="list-style-type: none"> <li>1. Substrate material: FR-4</li> <li>2. Form of housing change: addition of support pins</li> </ol>
Phenolic resin board	FR-4

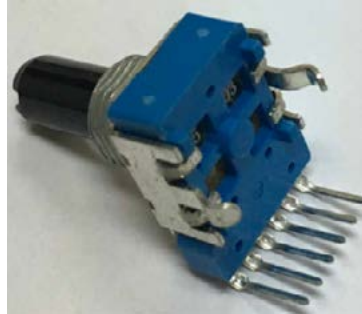
Users should verify that the described changes will not impact the performance of the product in their specific applications.

SC2056

View of the finished product with original housing:



View of the finished product with new housing:



The change will affect the form of the product, as support pins will be added to the housing as shown above. The quality and reliability of the product should improve. The fit and function will remain the same. A list of affected part numbers is included on the next page.

Implementation dates are as follows:

Evaluation samples availability date: **February 2, 2021**

Last time to buy existing products: **April 30, 2021**

Date manufacturing of existing products will cease: **April 30, 2021**

Date of deliveries of modified products: **May 7, 2021**

First date code using the above changes: **2114**

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

A list of affected part numbers is shown below.

Affected Part Numbers				
PTV112-1417A-A103	PTV112-3212A-B103	PTV112-4420A-A103	PTV112-4420A-B502	PTV112-4425A-B503
PTV112-1417A-A2502	PTV112-3412A-A203	PTV112-4420A-A104	PTV112-4420A-B503	PTV112-4427A-A203
PTV112-1417A-A2503	PTV112-3412A-A204	PTV112-4420A-A502	PTV112-4420A-C104	PTV112-4427A-C4103
PTV112-1417A-A503	PTV112-3412A-B503	PTV112-4420A-A503	PTV112-4420A-C502	PTV112-FRAU1-B1103
PTV112-1420A-B1103	PTV112-3417A-A2103	PTV112-4420A-A504	PTV112-4420A-C503	PTV112-HEA1-B1104
PTV112-2215A-B1503	PTV112-4220A-A1503	PTV112-4420A-A5502	PTV112-4420U-C104	
PTV112-2420A-B1105	PTV112-4220A-B103	PTV112-4420A-B103	PTV112-4425A-A203	
PTV112-2425A-A3103	PTV112-4412A-A103	PTV112-4420A-B104	PTV112-4420A-B502	