

TENSILITY

Product Change Notification

May 25, 2018

PCN issue number: 00108

Product Type: Connector, 5.5 mm dc barrel jack

Change type: Insulation material change

Products affected by change:

Part Number	Part Description
50-00025	Connector, dc jack, 3.5x1.1xL16.5 mm, molding style
50-00027	Connector, dc jack, 3.5x1.35xL16.5 mm, molding style

Product specification change: The revised specification identifies a new insulation material as shown below.

Materials

1. Insulator, ABS, black
2. Pin, C3604 brass, 2 µm nickel plated
3. Shell, C3604 brass, 2 µm nickel plated
4. Spring contact, C5191 phosphor bronze, 2 µm nickel plated

Previous

Materials

1. Insulator, PBT + 15% GF, black
2. Pin, C3604 brass, 2 µm nickel plated
3. Shell, C3604 brass, 2 µm nickel plated
4. Spring contact, C5191 phosphor bronze, 2 µm nickel plated

Current

Reason for change: Improved manufacturing process allows for tighter tolerances and controlled shrinkage. PBT+15% GF increases connector heat resistance, impact resistance, and tensile strength over previous ABS material.

Anticipated impact on fit, function and reliability: There will be no change to the fit, function, or reliability of this product. Connector mating will be unaffected. The reliability of the product will remain the same.

Please direct all questions regarding this PCN to:

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