

# TENSILITY

## Product Change Notification

January 23, 2018

PCN issue number: 00107

Product Type: Connector, 3.5 mm dc barrel jack

Change type: Insulation material change

Products affected by change:

Part Number	Part Description
50-00045	Connector, dc jack, 3.5x1.1xL16.5 mm, molding style
50-00057	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. Shell, C3604 brass, 2 µm nickel plated
2. Spring contact, BeCu, 2 µm nickel plated
3. Pin, C3604 brass, 2 µm nickel plated
4. Insulator, POM, black

Previous

### Materials

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

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 POM 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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