



# Product Change Notification

Date Issued :	January 22, 2024	PCN Number :	514501
Reason for Change :	Change to Product		
Description of Change :	Test voltage in dielectric strength test will be changed from 1000V to 800V in the product specification. (There is no change in the maximum rated voltage of 250 V.)		
Assessment of Change :	No change to parts - Form/Fit/Function		
Planned Implementation Date :	July 22, 2024		
Customer Sample Availability Date:	December 27, 2023		
Last date to request Samples by Customer :	January 22, 2024		
Please note if Samples are not requested as per Customer Samples Request date, it may take additional 4-6 weeks to arrange Samples.			
Traceability Code Markings / Date :	No special marking on the product or packaging		

Before Picture

**■ Applicable Products**

- iGrid 2.0W/B :501645, 501646, 501647, 501648series

**■ Change point**

- Product specification: PS-501646-001 Section 4-1-3 and Restricted Product Specification (RPS) , Test voltage in dielectric strength test will be changed from 1000V to **800V**. (There is no change in the maximum rated voltage of 250 V.)

**• Before change**

4-1-3	耐電圧 Dielectric Strength	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、AC (rms) 1000V (実効値) を1分間 印加する。 (JIS C5402-4-1/MIL-STD-202 試験法 301) Mate connectors and apply 1000V AC (rms) for 1 minute between adjacent terminal or ground. (JIS C5402-4-1/MIL-STD-202 Method 301)	製品機能を損なう 異常なきこと No Damage on function
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**• After change**

4-1-3	耐電圧 Dielectric Strength	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、AC (rms) 800V (実効値) を1分間 印加する。 (JIS C5402-4-1/MIL-STD-202 試験法 301) Mate connectors and apply 800V AC (rms) for 1 minute between adjacent terminal or ground. (JIS C5402-4-1/MIL-STD-202 Method 301)	製品機能を損なう 異常なきこと No Damage on function
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**■ Change reason**

- This is because it was found that products may not pass the dielectric strength test under the condition of 1000V application due to variations caused by the posture of the crimp terminals in the receptacle housing.

**■ Product Impact**

- No impact to fit, form or function.

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[mailto:pcn\\_coordinator@molex.com?subject=PCN\\_Notification:514501](mailto:pcn_coordinator@molex.com?subject=PCN_Notification:514501)

or contact your Local Sales Engineer.

Note: While responding, please retain " PCN Notification : **PCN Notification: 514501** " in the e-mail Subject line for faster response.**Molex, LLC**

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