

PCN 212601

Product Change Notification

1st July 2021

Part related:

PYD 2592 / 7765 and PYD 2792 / 7766

Excelitas is performing regularly extensive reliability tests on their products. A requalification of the sensor's moisture sensitivity level (MSL) of the PYD 2592 / 7765 and PYD 2792 / 7766 lead recently to inconsistent results. In order to avoid unnecessary risks, Excelitas decided to lower the MSL level from 1 to 3 according to the JEDEC standard J-STD-033E with immediate effect.

Since the standard packaging of Excelitas Tape-and-Reel Packages is fulfilling all requirements for MSL-3 sensitive devices, parts in stock do not need to be treated specially, nor re-placed, unless:

- Moisture barrier bags have been opened and the humidity indication card was indicating a humidity of above 10% at 25+-5°C.
- Moisture barrier bags have been open for a period of more than 48 hours below 30°C and 60% relative humidity.

Should one of the conditions be not met, baking of parts for more than 8 hours at 125°C is required prior to re-flow soldering.

Open moisture barrier bags stored at 10% relative humidity do not require special treatment.

We apologize for any inconvenience caused by this change.

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