

Change Notification

Subject

Standardization of Moisture Sensitive Level (MSL) Classification for SMD Magnetic Components

To our valued Customer

The following is to inform that Talema are changing the MSL Classification for SMD Magnetic Components. These changes are the part of our effort and commitment to continuous improvement of our processes and products. Talema's Quality System requires customer notification under the circumstances outlined below

Talema is standardizing the Moisture Sensitive Level (MSL) for SMD Magnetic Components. This standardization requires **SMD Magnetic Components that MSL 2 product to be converted to MSL 1**. There will be no material, process or part number revisions associated with this change

Type of Change

Minor

Description of Change

MSL is an electronic standard for the time period in which a **moisture sensitive** device can be exposed to ambient conditions (**MSL 1 @30 °C/85%RH, MSL 2~6 @ 30 °C/60%RH**) (**Relative Humidity**)

If a device/component is classified as MSL 1, it is not moisture sensitive and the device/component does not have to be dry packed again after the pack has been opened

Benefit of Change

The change will standardize MSL rating to be in-line with Talema SMD Products

Approximate Implementation Date:

After this notification effective from Jan' 2018, Talema will begin to transition for **all SMD Magnetic Components to MSL 1 Classification**

Method of Identification

No change in package & marking as per our standard procedure. The moisture sensitivity level is indicated on the inner carton box. Trace code format: WW/YY, YY = Year, WW = Work Week

Change Notification

Anticipated Impact

MSL 1 devices/Components have unlimited shelf life @ $\leq 30^{\circ}\text{C}/85\%\text{RH}$ (Relative Humidity) from packing sealed date
 Products manufactured with MSL 1 are completely compatible with existing product from a functional parametric and quality performance perspective

Impacts to Datasheet

None

Recommendation

Talema recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess the impacts (if any) to their application

Response Required

No response is required

Contact Information

For additional information regarding this change, contact Quality Head

E-Mail: ramesh@talemaindia.net

Contact Information

Name & Designation	Signature	Date
<i>P. Ramesh - Quality Head</i>		5.1.2018

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Locations of Talema Group Regional Offices

