



Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_UtPLC_MID_20221201

Affected Series: UtPLC MID; 750510231

PCN Date: August 25, 2022

Effective Date: December 01, 2022

Effected Date Code: Week 48 of Year 2022

Revision: 6D to 6E

Change Category:

- Equipment / Location
 General Data
 Material
 Process
 Product Design
 Shipping / Packaging
 Supplier
 Software

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Data Sheet Change:

- Yes No

Attachment:

- Yes No

Description and purpose of change:

Due to external influences and for environmental purposes, Würth Electronics Midcom will change the packaging material and standard packaging quantity. The change is to eliminate the use of PVC material shipping trays and use environmentally friendly and efficient packaging.

At the same time, Würth Electronics Midcom will change length and width dimensions to meet maximum component tolerances.

To ensure an improved product assembly, Würth Electronics Midcom will change the number of inner and outer coil tape layers, and change the tape width to reduce coil build. The tape material will not change.

There will be no change in function, quality or reliability of the product.

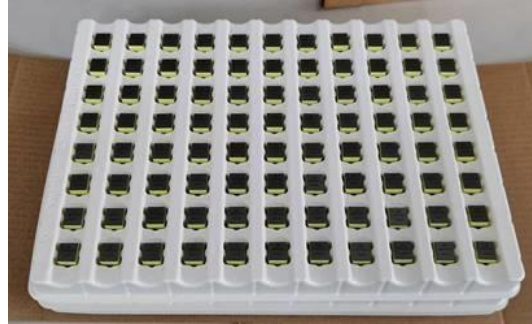
Detail of Change:

The packaging material will change from PVC clamshell tray to plastic shipping tray.

Before Change:



After Change:



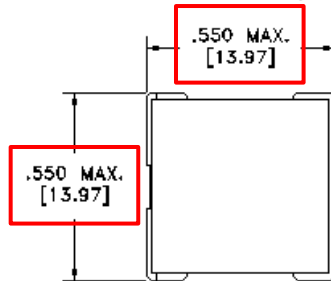
Tray Quantity will change from: 50 to 88

Box Quantity will change from: 650 to 528

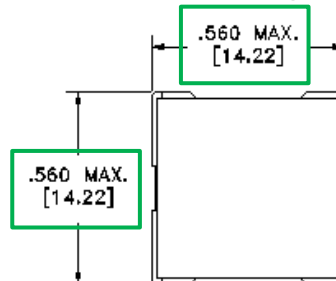
PKG Specification will change from: PKG-0318 to: PKG-1292

No change to part, only change to maximum length and width dimensions

Before Change:



After Change:



Inner coil tape layers will change from: 6 layers to: 5 layers

Outer coil tape layers will change from: 2 layers to: 1 layer

Coil tape width will change from: 0.325 ±.010" [8.26 ±.25mm]
to: 0.315 ±.005" [8.00 ±.13mm]



Reliability / Qualification Summary:

Select Test Height:

- 1. Net Weight: 3.27KG
- 2. Gross Weight: 5.27KG
- 3. Test height: 0.8m

Operability:

- 1. Easy packing: Yes No
- 2. Easy take out: Yes No
- 3. Pin / Terminals direction: terminals horizontal

Drop test (Attached pictures if needed):

- 1. All surfaces and corners were dropped: Yes No
- 2. The description of deforming / breakage for packing materials: After the drop test, the outer box and plastic tray has slight deformation, the product no incline.
- 3. The description of defective FGs (Include reject rate / location...):
Inspection the co-planarity, visual, electrical test for all transformers per MI, all meet the standards.

Process / Product approval is according to internal requirements released by the Total Quality Department and the Product Management Department.