



Product / Process Change Notification (PCN)

- Major Change
 Minor Change

PCN Number: PCN_UtLAN_20240807

Affected Series: PCN_UtLAN_20240807

Affected Order Codes: 749014xxx, 749424xxx

PCN Date: 2024-05-07 (YYYY-MM-DD)

Effective Date: 2024-08-07 (YYYY-MM-DD)

Change Category:

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

Contact: Product Management

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Datasheet Change:

Yes No

Attachment:

Yes No

Description of Change:

Due to internal standardisation, Würth Elektronik eiSos will move the production to new production line.

The packaging as well as product marking will be changed, the datasheet will be corrected.

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

The new revision of the affected order codes will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

Affected order codes:

749014011	7490140110	7490140112
749014012	749024010	749024012

Details of Change:

1. UL file number change:

Effected order codes: 749014011, 7490140110, 7490140112, 749014012, 749024010, 749024012

Before change	After change
E205930 [UL60590-1]	E507007 [UL62368-1]
	E472316 [UL60601-1]

2. Packaging change:

Affected order codes: 749014011, 7490140110, 7490140112, 749014012, 749024010

	Before Change	After Change
SPQ:	250 pcs	200 pcs
Carton Quantity:	750 pcs	1200 pcs
Carton Length:	365 mm	370 mm
Carton Width:	342 mm	400 mm
Carton Depth:	230 mm	370 mm

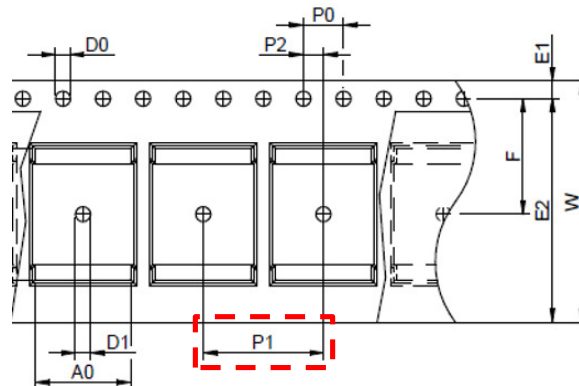
Affected order code: 749024012

	Before Change	After Change
SPQ:	175 pcs	200 pcs
Carton Quantity:	525 pcs	1200 pcs
Carton Length:	365 mm	370 mm
Carton Width:	342 mm	400 mm
Carton Depth:	230 mm	370 mm



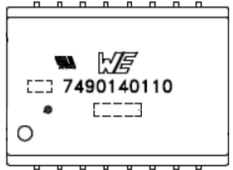
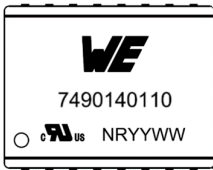
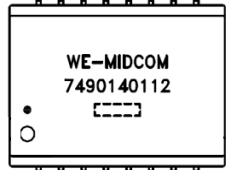

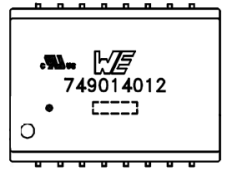

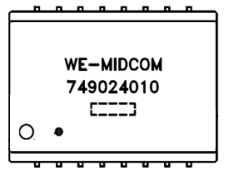

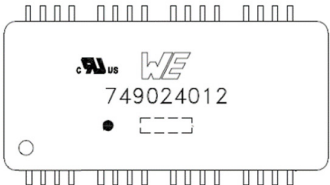

3. Cavity pitch of carrier tape (P1) change

Affected order code: 749024012

Before change	After change
24 mm	28 mm



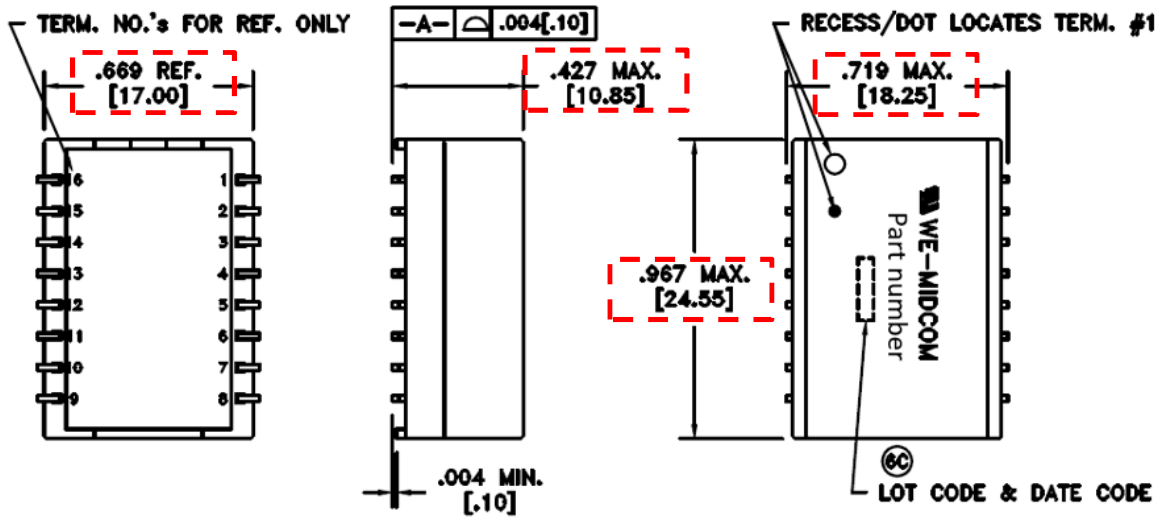
4. Marking change

Affected order codes	Before change	After change
749014011		
7490140110		
7490140112		
749014012		
749024010		
749024012		

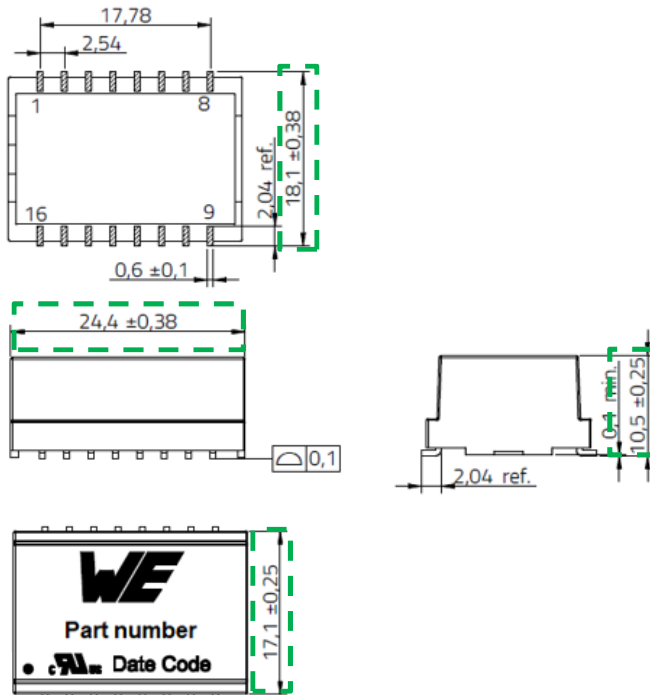
5. Datasheet correction

Affected order codes: 749014011, 7490140110, 7490140112, 749014012, 749024010

Before change:



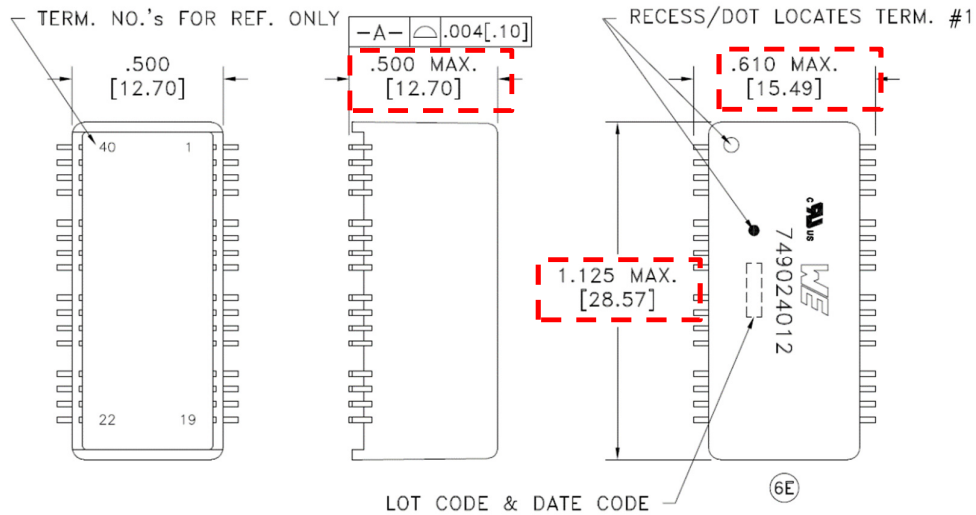
After change:



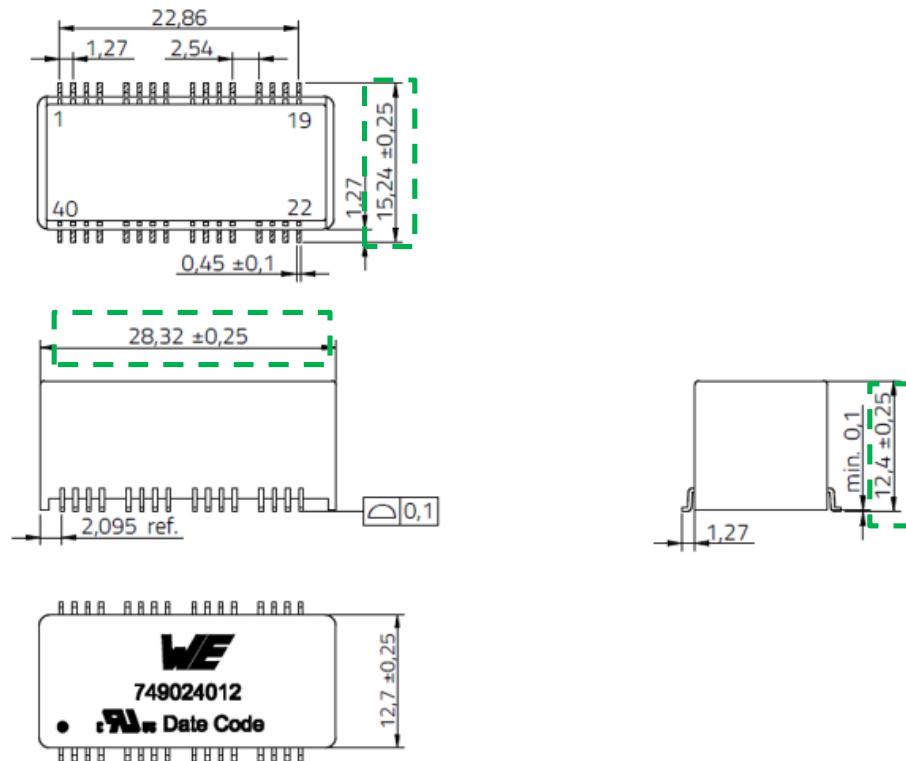
5. Datasheet correction

Affected order code: 749024012

Before change:



After change





Reliability / Qualification of Change:

An additional reliability testing was performed and approved. Additional details of the tests can be found in the table below:

Test Item	Sample Size	Reference	Test Conditions	Acceptance
High Temperature Exposure	30	MIL-STD-202-108	500 h at rated operating temperature 85 °C.	Approved
Moisture Resistance	30	MIL-STD-202G Method 106	10 cycles, cycled 25 °C to 65 °C Humidity: 80-100% RH Time/Cycle: 24 h	Approved
Solderability	30	IPC-A-610	Preconditions: Steam Aging 8 hrs±15 min, 93 °C Condition: According JEDEC J-STD-020, Tc=240~245 °C, tp=20~30 s.	Approved
Vibration	30	MIL-STD-202-204	1 g for 20 min, 12 cycles each of 3 orientations. Test from 15 Hz to 2000 Hz.	Approved
Thermal Shock	30	MIL-STD-202G Method 107	300 cycles, from -40 °C (dwell time: 30 min) to 85 °C (dwell time: 30 min). Maximum transfer time: 20 s.	Approved
Low Temperature Storage life	30	EIA JESD 22-A119	-40 °C, 500 h	Approved
Resistance to Soldering Heat	30	MIL-STD-202-210 & JSTD-020	Tp=245 °C, tp=30~35 s, 3 times reflow	Approved
Terminal Strength	30	AEC-Q200-006	Push Off Force (N): 17.7	Approved