



Product / Process Change Notification (PCN)

- ☐ Major Change
☒ Minor Change

PCN Number: PCN_IndHCI_20250206 Affected Series: WE-HCI Affected Part Numbers: See table below. PCN Date: 2024-11-06 (YYYY-MM-DD) Effective Date: 2025-02-06 (YYYY-MM-DD)	Change Category: ☐ Equipment/Location ☒ General Data ☐ Material ☐ Process ☐ Product Design ☐ Shipping/Packaging ☒ Supplier ☐ Software
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eisos@we-online.com	Datasheet Change: ☒ Yes ☐ No Attachment: ☐ Yes ☒ No

Description of Change:

Alteration(1):

Because of database mismatch, Würth Elektronik eiSos will update the drawing and the description of the marking of the components in the datasheet for the part numbers indicated in table 1.

This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.

Alteration (2):

To meet current customer demands, Würth Elektronik eiSos releases a second source for the glue material for all the part numbers of all sizes(except for the size 5040). The part numbers are indicated in table 1(from b-m).

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

After the effective date, the mentioned part numbers will be produced in the both sources.

Table 1. Affected Part Numbers

a. Part numbers for size 5040					
744316022	744316033	744316047	744316068	744316100	744316150
744316220	744316330	744316470	744316560		
b. Part numbers for size 7030					
744310013	744310024	744310055	744310095	744310115	744310150
744310200					
c. Part numbers for size 7040					
744311022	744311047	744311068	744311100	744311150	744311220



744311330	744311470				
d. Part numbers for size 7050					
744314024	744314047	744314076	744314110	744314150	744314200
744314330	744314490	744314650	744314760	744314850	744314101
e. Part numbers for size 1030					
744323020	744323033	744323056	744323068	744323100	744323120
744323150	744323220				
f. Part numbers for size 1040					
744355215	744355230	744355256	7443552100	7443552150	7443552200
7443552280	7443552430	7443552560			
g. Part numbers for size 1050					
744325016	744325040	744325072	744325120	744325180	744325240
744325330	744325420	744325550	744325650	744325780	7443251000
7443251600					
h. Part numbers for size 1335					
744313025	744313068	744313120	744313180	744313220	744313330
i. Part numbers for size 1350					
744355019	744355047	744355090	7443550140	7443550230	7443550320
7443550480	7443550600	7443550820	7443550101		
j. Part numbers for size 1365					
744355122	744355147	744355182	7443551130	7443551200	7443551280
7443551470	7443551600	7443551730	7443551920	7443551111	7443551131
7443551151	7443551181	7443551221	7443551331	7443551370	
k. Part numbers for size 2212					
74435580330	74435580680	74435580820	74435581000	74435581200	74435582200
74435583300	74435584700	74435586800	74435588200		
l. Part numbers for size 1890					
7443556082	7443556130	7443556190	7443556260	7443556350	7443556450
7443556560	7443556680	74435561100			
m. Part numbers for size 1890					
7443557560	7443557760	74435571100	74435571500	74435572200	74435573300
74435574700					

Details of Change:

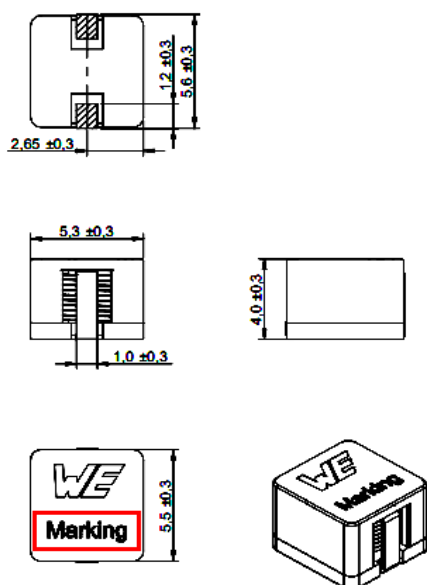
Alteration (1):

The datasheet drawing and the product marking description will change as shown below:

Before change

Sizes: 5040

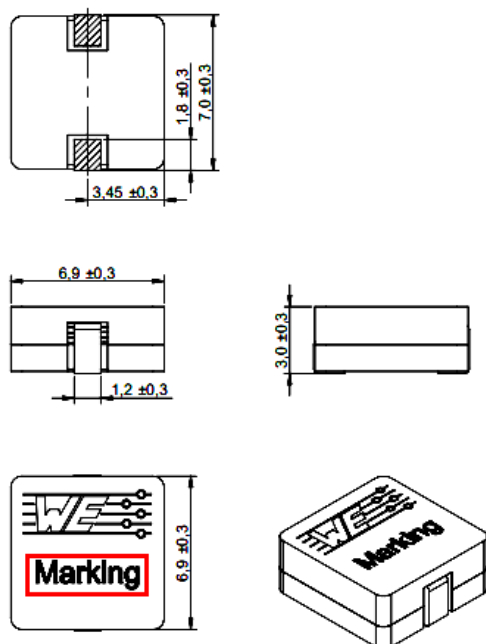
Dimensions: [mm]



Scale - 4:1

Size: 7030, 7040, 7050, 1030, 1040, 1050, 1335, 1350, 1365, 2212, 1890

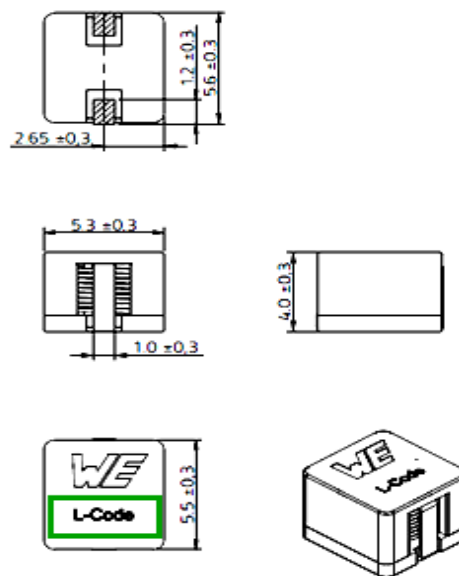
Dimensions: [mm]



Scale - 4:1

After change

Size: 5040

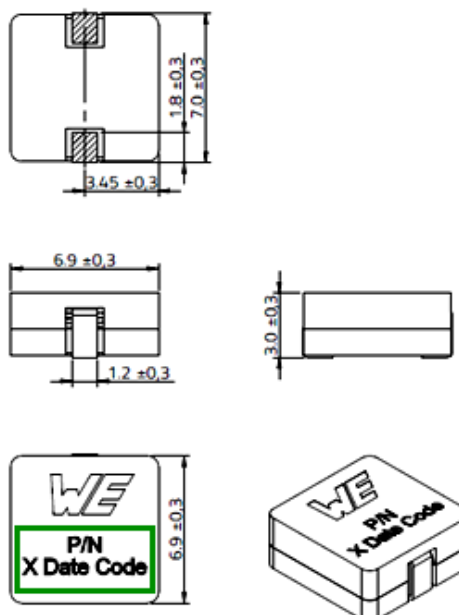


Scale - 4:1

Product Marking:

Marking L-Code	Inductance Value
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Size: 7030, 7040, 7050, 1030, 1040, 1050, 1335, 1350, 1365, 2212, 1890



Scale - 4:1



Product Marking:

Marking	X YMDD X
Marking	X (may be changed)
Marking – Date Code	YMDD

Product Marking:

Marking P/N	Part Number
Marking X	Internal use only
Marking Date Code	YMDD

Alteration (2):

The second source glue material has identical characteristics as that of the first source. Hence, there will be no change in the datasheet. After the effective date, the mentioned part numbers will use the glue from both the suppliers.

Reliability / Qualification of Change:

Alteration (1):

There will be no change in electrical & mechanical parameters of the product, therefore no additional reliability or qualification testing was performed.

Alteration (2):

An additional reliability test was performed and approved.

Qualification according to AEC-Q200 table 05 'Miscellaneous/Material Supplier' tests has been chosen.

Additional details of the tests can be found in the table below:

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Temperature Cycling	77	JESD22 Method JA-104	1000 cycles, from -40 °C to 125 °C. Dwell time: 15 min(Min.); Maximum transfer time: 1 min.	Approved
External Visual	All	MIL-STD_883 Method 2009	Inspect device construction, marking and workmanship. Electrical Test not required. Unpowered.	Approved
Physical Dimension	30	JESD22 Method JB-100	Verify physical dimensions to the applicable component detail specification.	Approved
Electrical Characterization	30	User Spec.	Parametrically test per lot and sample size requirements, summary to show Min, Max, Mean and Standard Deviation at room as well as Min and Max operating temperatures. Unpowered.	Approved
Terminal Strength	30	AEC-Q200-006	Make the push off test, record the force. All force higher 17.7 N, terminal strength would be announced as 17.7 N. Unpowered	Approved