



Product / Process Change Notification (PCN)

- ☒ Major Change
☐ Minor Change

PCN Number: PCN_IndPD_20241004

Affected Series: WE-PD

Affected Order Codes: 744777xxx, 744778xxx

PCN Date: 2024-07-04 (YYYY-MM-DD)

Effective Date: 2024-10-04 (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:

To meet current customer demands, Würth Elektronik is releasing an additional production location for the series WE-PD size 7332 and 7345.

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

Details of Change:

Neither quality, electrical nor mechanical properties of the parts will be changed. No datasheet change.

All dimensions and standard packaging quantity will remain the same.

All WE-PD size 7332 and 7345 part numbers starting with 744778xxx and 744777xxx are affected by this change.

Already established production sites	Additional production site
Lot number beginning with 184 Country of origin: China	Lot number beginning with 576 Country of origin: China



Reliability / Qualification of Change:

An additional reliability testing was performed and approved. Qualification according to AEC-Q200 Table 5 / Miscellaneous / Manufacturing Site Transfer. Additional details of the tests can be found in the table below:

Test Item	Sample Size	Reference	Test Conditions		Acceptance
High Temperature Exposure	77	MIL-STD-202-108	Order Code	Condition	Approved
			74477830	105 °C, 1000 hrs	
			744778147, 744778005, 744777147, 744777001	125 °C, 1000 hrs	
Temperature Cycling	77	JESD22 Method JA-104	Order Code	Condition	Approved
			74477830	preconditions: Reflow passes required -40 °C ~ 105 °C dwell time: 15 minuts minimum, transfer time max. 1 min., 1000 cycles	
			744778147, 744778005, 744777147, 744777001	preconditions: Reflow passes required -40 °C ~ 125 °C dwell time: 15 min minimum, transfer time max. 1 min., 1000 cycles	
High Temperature Operational Life	77	MIL-STD-202-108	Order Code	Condition	Approved
			74477830	preconditions: Reflow passes required 65 °C, 1000 hrs,maximum performance rated current with derating	
			744778147, 744778005, 744777147, 744777001	preconditions: Reflow passes required 85 °C, 1000 hrs,maximum performance rated current with derating	
Resistance to Soldering Heat	30	J-STD-020	TC = 250 °C, tp = 30 ~ 35 s, 5 times reflow		Approved

Please see next page



Test Item	Sample Size	Reference	Test Conditions		Acceptance
Electrical Characterization	30	User Spec.	Order Code	Condition	Approved
			74477830	measure electrical property @ 20 °C, - 40 °C, 105 °C	
			744778147, 744778005, 744777147, 744777001	measure electrical property@ 20 °C, -40 °C, 125 °C	
Terminal Strength (SMD)	30	AEC- Q200-006	Product Size	Push Off Force (N)	Approved
			7332	17.7	
			7345	17.7	
Low Temperature Storage Life	77		-40 °C, 1000 h		Approved