



Product / Process Change Notification (PCN)		
<input checked="" type="checkbox"/> Major Change <input type="checkbox"/> Minor Change		
PCN Number: PCN_FeMPSA_20241015 Affected Series: WE-MPSA Affected Order Codes: 782792xxxx PCN Date: 2024-04-15 (YYYY-MM-DD) Effective Date: 2024-10-15 (YYYY-MM-DD)	Change Category: <input type="checkbox"/> Equipment/Location <input checked="" type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> 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: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Description of Change: To meet current customer demands, Würth Elektronik will update the operating temperature and ambient temperature (referring to I _R) of the mentioned WE-MPSA order codes. There will be no change in form, fit, quality, or reliability of the product.		
Details of Change: Würth Elektronik will update the following operating and ambient temperatures. 78279223560,78279220800,78279226101,78279225101,78279224101,78279224151,78279224171, 78279224181,78279224251,78279224271,78279221281,78279220321,78279224401,78279224551, 78279220601,78279221601		
	Before Change	After Change
Ambient temperature (referring to I _R):	-55 °C up to +85 °C	-55 °C up to 110 °C
Operating temperature:	-55 °C up to +125 °C	-55 °C up to 150 °C



Reliability / Qualification of Change:

An additional reliability testing was performed and approved. Qualification according to AEC-Q200 Table 13.
 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	1000 h at rated operating temperature 150 °C.	Approved
Temperature Cycling	77	JESD22 Method JA-104	1000 cycles, from -55 °C (dwell time: 30 min) to 150 °C (dwell time: 30 min). Maximum transfer time: 1 min.	Approved
Operational Life	77	MIL-PRF-27	110 °C, 1000 h, rated current from the datasheet.	Approved