



**PCN Notification**  
 Document #FM520B-FM5200B series PCN  
 Issue Date: 2023/11/24  
 PCN#: 20231124002

<b>Title of Change:</b>	FM520B-FM5200B series PCN																																	
<b>Proposed first ship date</b>	2023/11/24																																	
<b>Contact information:</b>	Please contact Rectron Sales Office or visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information.																																	
<b>Samples:</b>	Please contact Rectron Sales Office or visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.																																	
<b>Additional Reliability Data:</b>	Please contact Rectron Sales Office or visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information.																																	
<b>Type of notification:</b>	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. Rectron will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, please visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information																																	
<b>Change Part Identification:</b>	Datasheet revision change per below																																	
<b>Change Category:</b>	<input type="checkbox"/> Material <input type="checkbox"/> Machine/Tooling <input checked="" type="checkbox"/> Method <input type="checkbox"/> Manufacture site <input type="checkbox"/> Man																																	
<b>Change Sub-Category(s):</b>	<input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Site Additi <input type="checkbox"/> Other																																	
<b>Last order date for previous version</b>	/																																	
<b>Description and Purpose:</b>	The IFSM and VF limits set in the original datasheet were published in error. The incorrect limits will be adjusted according to the actual electrical performance, so that the datasheet will match the actual process. No fit, form or function changes have been made to the actual products.																																	
<b>Point:</b>	<b>Change</b>	<b>Before</b>	<b>After</b>																															
<b>Specification specification standard</b>	IFSM	Peak Forward Surge Current (0.5 ms single half sine-wave) superimposed on rated load (JEDEC method) <table border="1"><tr><td>Part</td><td>200</td><td>Part</td><td>100</td></tr></table>	Part	200	Part	100	Peak Forward Surge Current (0.5 ms single half sine-wave) superimposed on rated load (JEDEC method) <table border="1"><tr><td>Part</td><td>100</td><td>Part</td><td>100</td></tr></table>	Part	100	Part	100																							
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VF	CHARACTERISTICS <table border="1"><tr><td>SYMBOL</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>UNIT</td></tr><tr><td>Maximum Instantaneous Forward Voltage at 5.0A DC</td><td>V<sub>F</sub></td><td>50</td><td>85</td><td>85</td><td>85</td><td>85</td><td>V<sub>DC</sub></td></tr></table>	SYMBOL	PARAM	PARAM	PARAM	PARAM	PARAM	PARAM	UNIT	Maximum Instantaneous Forward Voltage at 5.0A DC	V <sub>F</sub>	50	85	85	85	85	V <sub>DC</sub>	CHARACTERISTICS <table border="1"><tr><td>SYMBOL</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>PARAM</td><td>UNIT</td></tr><tr><td>Maximum Instantaneous Forward Voltage at 5.0A DC</td><td>V<sub>F</sub></td><td>50</td><td>75</td><td>85</td><td>85</td><td>85</td><td>V<sub>DC</sub></td></tr></table>	SYMBOL	PARAM	PARAM	PARAM	PARAM	PARAM	PARAM	UNIT	Maximum Instantaneous Forward Voltage at 5.0A DC	V <sub>F</sub>	50	75	85	85	85	V <sub>DC</sub>
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<b>Electrical Characteristic Summary:</b>		* Ideal for surface mounted applications * Low leakage current * P/N suffix V means AEC-Q101 qualified, e.g:FM520BV * P/N suffix V means Halogen-free																																
<b>List of Affected Parts:</b>		FM520B-FM5200B series																																
<b>Part Number</b>	<b>Suggest New Part Number</b>	<b>Addition</b>	<b>Mark</b>																															
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FM580B	FM580B																																	
FM5100B	FM5100B																																	
FM5150B	FM5150B																																	
FM5200B	FM5200B																																	