



**PCN Notification**  
 Document #: MUR1660  
 Issue Date: 2021/09/06  
 PCN#: 20210906001

<b>Title of Change:</b>	MUR1660																																																		
<b>Proposed first ship date</b>	2021/11/1																																																		
<b>Contact information:</b>	Please contact Rectron Sales Office or visit www.rectron.com for nearest contact information.																																																		
<b>Samples:</b>	Please contact Rectron Sales Office or visit www.rectron.com 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 www.rectron.com 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 www.rectron.com 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>	NA																																																		
<b>Description and Purpose:</b>	About MUR1660 change VF standard																																																		
<b>Point:</b>	<b>Change</b>	<b>Before</b>	<b>After</b>																																																
<b>VF standard</b>	old VF≤1.5V@16A new VF≤1.7A@16A																																																		
		<table border="1"> <thead> <tr> <th colspan="4">CHARACTERISTICS</th> </tr> <tr> <th>CHARACTERISTICS</th> <th>SYMBOL</th> <th>MUR1660</th> <th>UNITS</th> </tr> </thead> <tbody> <tr> <td>Maximum Instantaneous Forward Voltage at 16.0A DC</td> <td>V<sub>F</sub></td> <td>1.5</td> <td>V@16A</td> </tr> <tr> <td>Maximum DC Reverse Current @ T<sub>A</sub> = 25°C</td> <td>I<sub>S</sub></td> <td>1.0</td> <td>μA@16A</td> </tr> <tr> <td>Maximum DC Blocking Voltage @ T<sub>A</sub> = 125°C</td> <td>V<sub>RM</sub></td> <td>900</td> <td>V</td> </tr> <tr> <td>Maximum Reverse Recovery Time@I<sub>R</sub> = 1A</td> <td>T<sub>rr</sub></td> <td>90</td> <td>ns</td> </tr> </tbody> </table>	CHARACTERISTICS				CHARACTERISTICS	SYMBOL	MUR1660	UNITS	Maximum Instantaneous Forward Voltage at 16.0A DC	V <sub>F</sub>	1.5	V@16A	Maximum DC Reverse Current @ T <sub>A</sub> = 25°C	I <sub>S</sub>	1.0	μA@16A	Maximum DC Blocking Voltage @ T <sub>A</sub> = 125°C	V <sub>RM</sub>	900	V	Maximum Reverse Recovery Time@I <sub>R</sub> = 1A	T <sub>rr</sub>	90	ns	<table border="1"> <thead> <tr> <th colspan="4">CHARACTERISTICS</th> </tr> <tr> <th>CHARACTERISTICS</th> <th>SYMBOL</th> <th>MUR1660</th> <th>UNITS</th> </tr> </thead> <tbody> <tr> <td>Maximum Instantaneous Forward Voltage at 16.0A DC</td> <td>V<sub>F</sub></td> <td>1.7</td> <td>V@16A</td> </tr> <tr> <td>Maximum DC Reverse Current @ T<sub>A</sub> = 25°C</td> <td>I<sub>S</sub></td> <td>1.0</td> <td>μA@16A</td> </tr> <tr> <td>Maximum DC Blocking Voltage @ T<sub>A</sub> = 125°C</td> <td>V<sub>RM</sub></td> <td>900</td> <td>V</td> </tr> <tr> <td>Maximum Reverse Recovery Time@I<sub>R</sub> = 1A</td> <td>T<sub>rr</sub></td> <td>90</td> <td>ns</td> </tr> </tbody> </table>	CHARACTERISTICS				CHARACTERISTICS	SYMBOL	MUR1660	UNITS	Maximum Instantaneous Forward Voltage at 16.0A DC	V <sub>F</sub>	1.7	V@16A	Maximum DC Reverse Current @ T <sub>A</sub> = 25°C	I <sub>S</sub>	1.0	μA@16A	Maximum DC Blocking Voltage @ T <sub>A</sub> = 125°C	V <sub>RM</sub>	900	V	Maximum Reverse Recovery Time@I <sub>R</sub> = 1A	T <sub>rr</sub>	90	ns
CHARACTERISTICS																																																			
CHARACTERISTICS	SYMBOL	MUR1660	UNITS																																																
Maximum Instantaneous Forward Voltage at 16.0A DC	V <sub>F</sub>	1.5	V@16A																																																
Maximum DC Reverse Current @ T <sub>A</sub> = 25°C	I <sub>S</sub>	1.0	μA@16A																																																
Maximum DC Blocking Voltage @ T <sub>A</sub> = 125°C	V <sub>RM</sub>	900	V																																																
Maximum Reverse Recovery Time@I <sub>R</sub> = 1A	T <sub>rr</sub>	90	ns																																																
CHARACTERISTICS																																																			
CHARACTERISTICS	SYMBOL	MUR1660	UNITS																																																
Maximum Instantaneous Forward Voltage at 16.0A DC	V <sub>F</sub>	1.7	V@16A																																																
Maximum DC Reverse Current @ T <sub>A</sub> = 25°C	I <sub>S</sub>	1.0	μA@16A																																																
Maximum DC Blocking Voltage @ T <sub>A</sub> = 125°C	V <sub>RM</sub>	900	V																																																
Maximum Reverse Recovery Time@I <sub>R</sub> = 1A	T <sub>rr</sub>	90	ns																																																
<b>Electrical Characteristic Summary:</b>	NA																																																		
<b>List of Affected Parts:</b>	<p>Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the PCN Customized Portal.</p>																																																		
<b>Part Number</b>	<b>Suggest New Part Number</b>	<b>Addition</b>	<b>Mark</b>																																																
MUR1660	NA																																																		