# PRODUCT CHANGE NOTICE

**1. TITLE**
16SCYQ045C Electrical Characteristics

**2. DOCUMENT NUMBER**
FV5-C-18-0073

**3. DATE**
June 12, 2018

**4. MANUFACTURER AND ADDRESS**
International Rectifier HiRel Products, Inc
205 Crawford Street
Leominster, MA 01453

**5. MANUFACTURER PART NUMBER**
See below for IR Part Number

**6. BASE PART**
NA

**7. NATIONAL STOCK NUMBER (NSN)**
NA

**8. CAGE**
69210

**9. EFFECTIVE DATE**
June 12, 2018

**10. GOVERNMENT NUMBER**
NA

**11. POINT OF CONTACT**
Manufacturer's Representative or
Account Specialist (978) 534-5776

**12. DRAWING NUMBER**
NA

**13. SPECIFICATION NUMBER**
MIL-PRF-19500

**14. PRODUCT CHANGE**
This GIDEP PCN is to announce specifications change with the datasheet parameters for the following International Rectifier Part No. Note that this change is related to part specification only, and not due to a die physical change.

**15. SPECIFIC PART**
16SCYQ045C

16A, 45V Schottky Common Cathode Diode in a TO-257AA package

**ELECTRICAL CHARACTERISTICS @ Tj = 125°C**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Old Limit</th>
<th>New Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>( I_{RM} ) (Max. Reverse Leakage Current)</td>
<td>160mA</td>
<td>190mA</td>
</tr>
</tbody>
</table>

Reference Datasheet PD-93980

**16. APPROVING GOVERNMENT ACTIVITY**

**17. GIDEP REPRESENTATIVE**
Paul Hebert

**18. SIGNATURE**

**19. DATE**
June 12, 2018

GIDEP Form 97-5