



# PRODUCT CHANGE NOTICE

1. TITLE <b>HFA40HF60 Specification Change</b>		2. DOCUMENT NUMBER <b>FV5-C-22-0002</b>
		3. DATE <b>September 24, 2021</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>See below for IR Part Numbers</b>
		6. BASE PART <b>NA</b>
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>September 24, 2021</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or Account Specialist (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500</b>
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. This change serves to realign to new dynamic test equipment employed.  <b>HFA40HF60</b> 600V, 22A, Ultra-Fast Soft Recovery Diode in a SMD-1 package   DYNAMIC RECOVERY CHARACTERISTICS @ Tj = 25°C  Irrm1 Peak Recovery Current; remove max limit from 7.8A Qrr1 Reverse Recovery Charge; remove max limit from 290nC di(rec)m/dt1 Peak Rate of Fall of Recovery Current; remove max limit from 400A/μs  DYNAMIC RECOVERY CHARACTERISTICS @ Tj = 125°C  Trr2 Reverse Recovery Time; remove max limit from 165ns Irrm2 Peak Recovery Current; remove max limit from 13A Qrr2 Reverse Recovery Charge; remove max limit from 840nC di(rec)m/dt1 Peak Rate of Fall of Recovery Current; remove max limit from 250A/μs  Reference Datasheet PD-20381 for additional part identifier information.		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>September 24, 2021</b>