



PRODUCT CHANGE NOTICE

1. TITLE IRH9150 Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-19-0007
		3. DATE October 19, 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 Numbers
		6. BASE PART NA
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE October 19, 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 <p>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.</p> <p>IRH9150 -100V, P-Channel TID Hardened MOSFET in a TO-204AE package</p>  <p>ELECTRICAL CHARACTERISTICS @ Tj = 25°C</p> <p>RDS(on) [Static Drain-to-Source On-State Resistance] -change max limit with ID = -14A from 0.075Ω to 0.080Ω. -change max limit with ID = -22A from 0.080Ω to 0.085Ω. tr [Rise Time], change max limit from 150ns to 170ns. td(off) [Turn-Off Delay Time], change max limit from 100ns to 190ns.</p> <p>SOURCE-DRAIN DIODE RATINGS AND CHARACTERISTICS</p> <p>trr [Reverse Recovery Time], change max limit from 250ns to 300ns.</p> <p>ELECTRICAL CHARACTERISTICS @ Tj = 25°C, Post Total Dose Irradiation</p> <p>RDS(on) [Static Drain-to-Source On-State Resistance] -change max limit at 100K Rads (Si) from 0.075Ω to 0.080Ω. -change max limit at 300K Rads (Si) from 0.085Ω to 0.080Ω.</p> <p>Reference Datasheet PD-90879</p>		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE October 19, 2018