GOVERNMENT - INDUSTRY DATA EXCHANGE PROGRAM

## PRODUCT CHANGE NOTICE

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1. TITLE				2. DOCUMENT NUMBER
80CLQ150, Hi-Rel Schottky Common Cathode Diode				FV5-C-14-007
				3. DATE
4. MANUFACTURER AND ADDRESS		1 !	5. MANUFACTURER PART N	February 5, 2014
International Rectifier			See below for IR Part Numbers	
205 Crawford Street		6	6. BASE PART	T dit rambois
Leominster, MA 01453			NA	
·		7	7. NATIONAL STOCK NUMB	ER (NSN)
			NA	
8. CAGE	9. EFFECTIVE DA		10. GOVERNMENT NUMBER	t.
69210	February 5, 2	2014	NA	
11. POINT OF CONTACT			12. DRAWING NUMBER	
Manufacturer's Representative or			NA	
Customer Service Representative (978) 534-5776			13. SPECIFICATION NUMBE	R
44 2222127 0141125			MIL-PRF-19500	
14. PRODUCT CHANGE	o o obongo in th	o alastriaal taat limite	s for the following Int	ornational Postifier Port No
This GIDEP PCN is to announce a change in the electrical test limits for the following International Rectifier Part No.				
80CLQ150				
<b>Description:</b> 80A, 150V, Hi-Rel Schottky Common Cathode Diode in a SMD-1 package				
No.				
Changes to Electrical Specific	cations:			
Change V <sub>FM</sub> Max. Forward Voltage Drop (Per Leg) **				
From: 1.21 V @ 40A, T <sub>J</sub> = -55C To: 1.28 V @ 40A, T <sub>J</sub> = -55C				
From: 1.75 V @ 80A, $T_J = -55C$ To: 1.92 V @ 80A, $T_J = -55C$				
From: $1.0 \text{ V} @ 80\text{A}, T_J = 125\text{C}$	To: 1.16 V @	$80A, T_J = 125C$		
**A new Max. Forward Voltage Drop Characteristics curve (figure 1) will be published in the datasheet.				
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Reason for Change:				
Increase the maximum forward voltage drop limit (per leg) to provide better statistical margins.				
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Datasheet Reference: PD-9420	6			
16. APPROVING GOVERNMENT ACTIVITY				
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47 ODED DEDDEOGNITATIVE		AO CIONATURE	0 01	L 40 DATE
17. GIDEP REPRESENTATIVE Paul Hebert		18. SIGNATURE	1-01.	19. DATE February 5, 2014
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