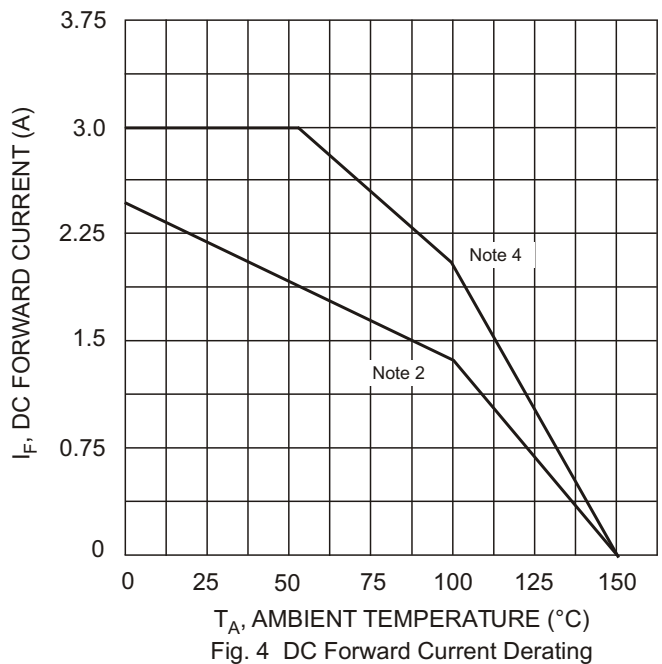
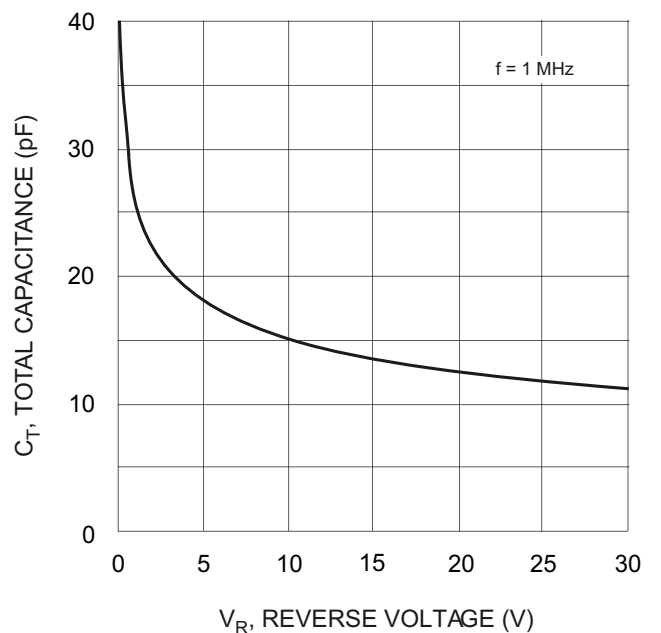
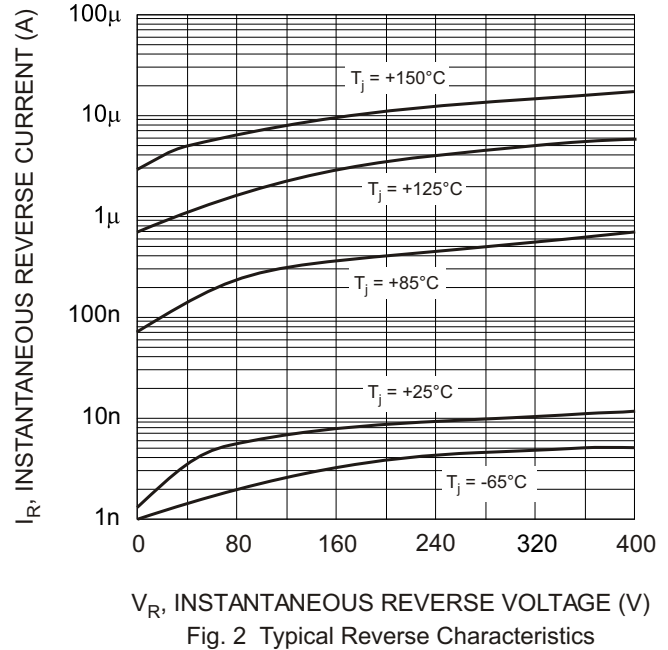
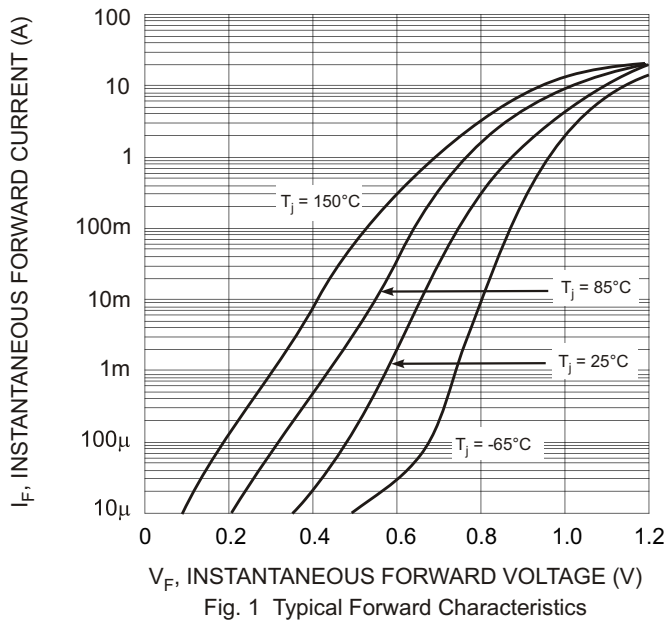


Electrical Characteristics @ $T_A = 25^\circ\text{C}$ unless otherwise specified

Characteristic	Symbol	Min	Typ	Max	Unit	Test Condition
Reverse Breakdown Voltage (Note 5)	$V_{(BR)R}$	400			V	$I_R = 10\text{ A}$
Forward Voltage	V_F		0.92	1.15	V	$I_F = 3\text{ A}$, $T_S = 25^\circ\text{C}$
Reverse Leakage Current (Note 5)	I_R		0.015 6	10 250	A	$T_S = 25^\circ\text{C}$, $V_R = 400\text{V}$ $T_S = 125^\circ\text{C}$, $V_R = 400\text{V}$
Reverse Recovery Time	t_{rr}		3.0		s	$I_F = 0.5\text{A}$, $I_R = 1.0\text{A}$, $I_{rr} = 0.25\text{A}$

Notes: 5. Short duration test pulse used to minimize self-heating effect.



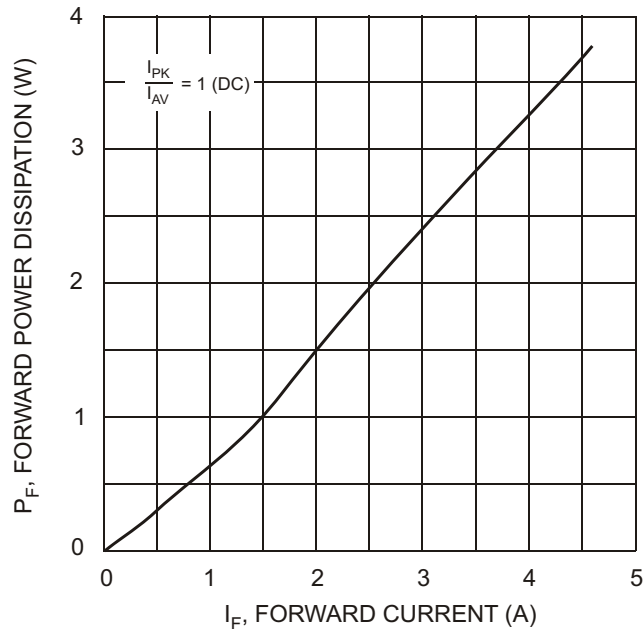


Fig. 5 Forward Power Dissipation

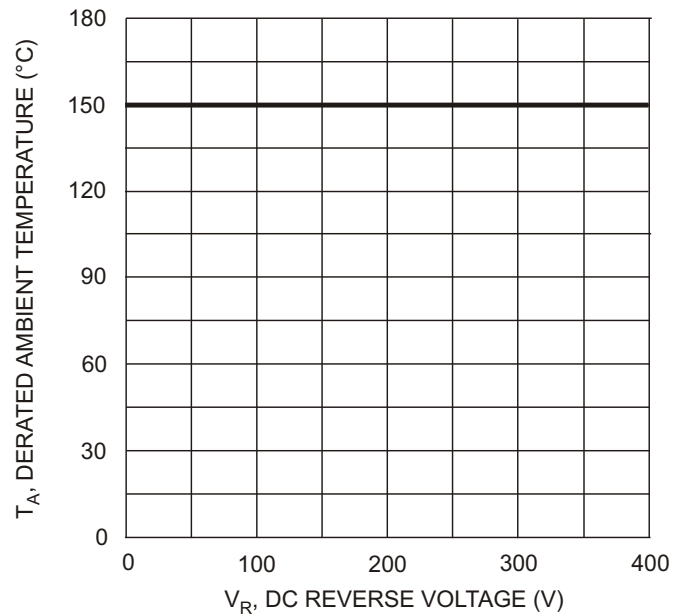


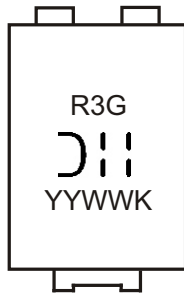
Fig. 6 Operating Temperature Derating

Ordering Information (Note 6)

Device	Packaging	Shipping
PDR3G-13	PowerDI 5	5000/Tape & Reel

Notes: 6. For Packaging Details, go to our website at <http://www.diodes.com/datasheets/ap02007.pdf>.

Marking Information



R3G = Product type marking code
 D||| = Manufacturers' code marking
 YYWW = Date code marking
 YY = Last two digits of year ex: 05 for 2005
 WW = Week code 01 to 52
 K = Factory Designator

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