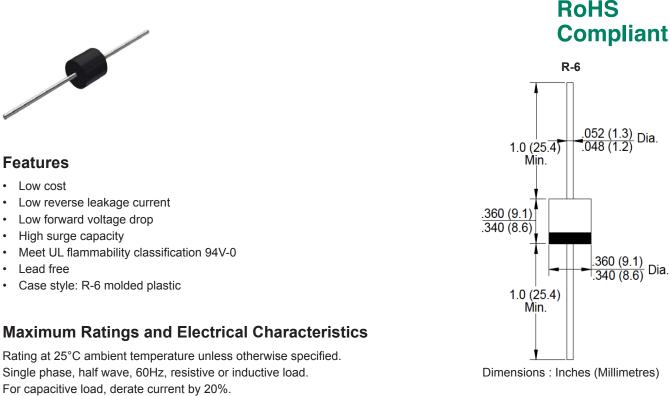
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Characteristics	Symbol	P600AG	P600DG	P600GG	P600KG	P600MG	Unit
Maximum Repetitive Peak Reverse Voltage	Vrrm	50	200	400	800	1000	
Maximum RMS Voltage	VRMS	35	140	280	560	700	V
Maximum DC Blocking Voltage	VDC	50	200	400	800	1000	
Maximum Average Forward Rectified Current @ T _A = 55°C	l(AV)			6			А
Peak Forward Surge Current, 8.3mS Single Half Sine-Wave, Superimposed on Rated Load (JEDEC Method)	IFSM	250				А	
I ² t Rating for Fusing (t<8.3mS)	l²t	259				A ² s	
Peak Forward Voltage at 6A DC (Note 1)	VF	1.1				V	
Max. DC Reverse Current @ T」= 25°C Rated DC Blocking Voltage @ T」= 125°C	lr	10 100				μA	
Typical Junction Capacitance (Note 2)	CJ	100			pF		
Typical Thermal Resistance Junction to Ambient	Reja	10			°C/W		
Operating Junction Temperature Range	TJ	-55 to +150				°C	
Storage Temperature Range	Тѕтс						

Notes:

1. 300µS pulse width, 2%duty cycle

2. Measured at 1 MHz and applied reverse voltage of 4V DC

3. The typical data above is for reference only.

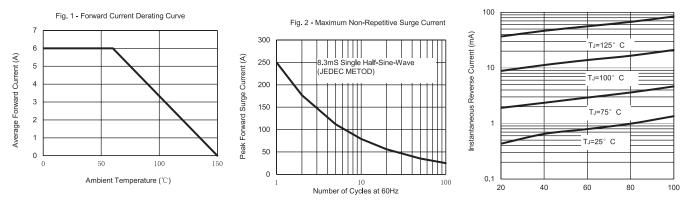
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Fig. 3 - Typical Reverse Characteristics

Rating and Characteristic Curves



Percent of Rated Peak Reverse Voltage (%)



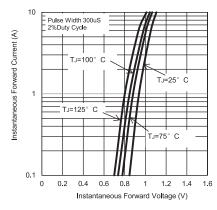
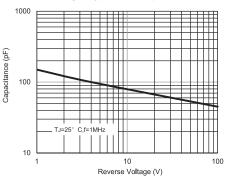


Fig. 5 - Typical Junction Capacitance



Part Number Table

Description	Part Number		
Rectifier Diode, 50V, 6A, R-6	P600AG		
Rectifier Diode, 200V, 6A, R-6	P600DG		
Rectifier Diode, 400V, 6A, R-6	P600GG		
Rectifier Diode, 800V, 6A, R-6	P600KG		
Rectifier Diode, 1kV, 6A, R-6	P600MG		

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