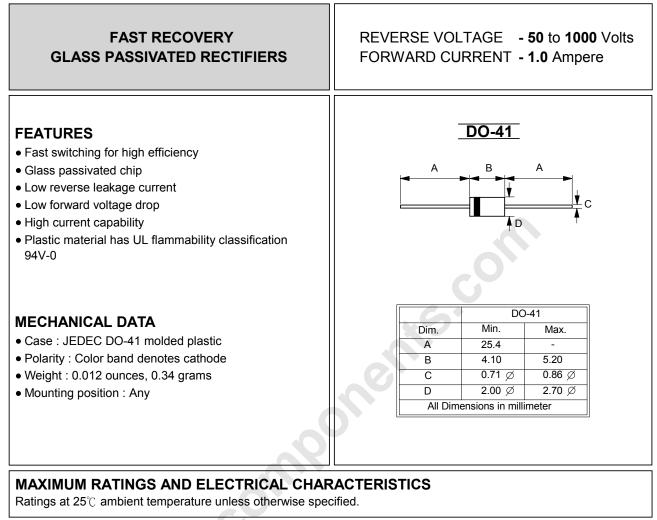
LITE ON CONDUCTOR 001G thru PR1007G

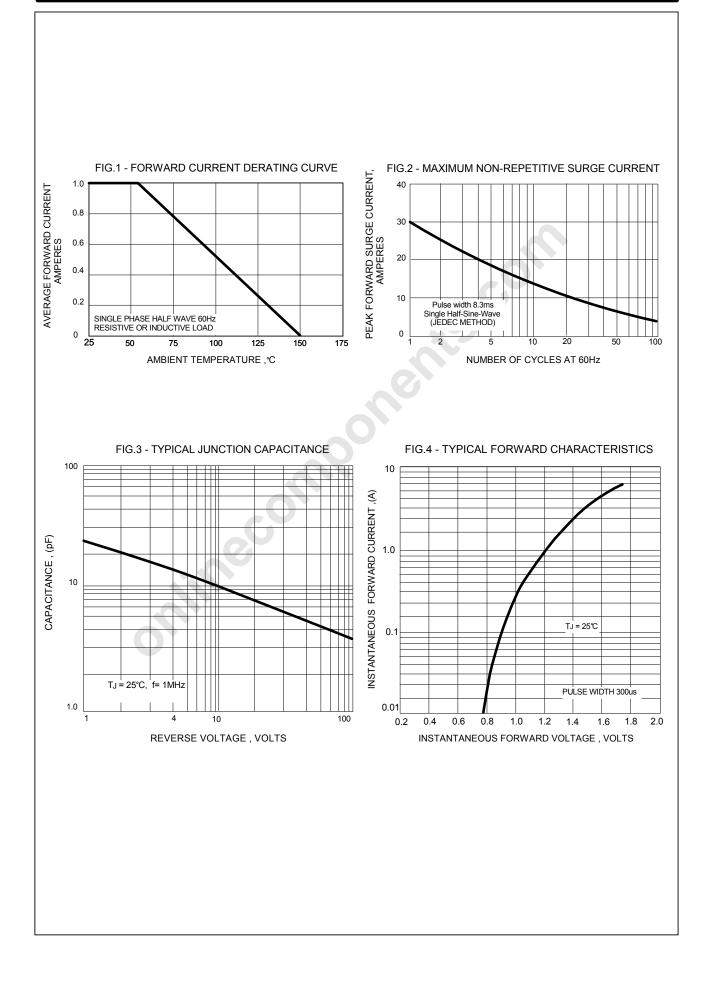


CHARACTERISTICS	SYMBOL	PR 1001G	PR 1002G	PR 1003G	PR 1004G	PR 1005G	PR 1006G	PR 1007G	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward @TA=55°C	l(AV)	1.0							А
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load	IFSM	30							A
Maximum forward Voltage at 1.0A DC	VF	1.3						V	
Maximum DC Reverse Current @TA=25℃	lr	5						uA	
at Rated DC Blocking Voltage @TA=100℃					50				uA
Typical Junction Capacitance (Note 1)	CJ	15							pF
Typical Thermal Resistance (Note 2)	Reja	50							
	Rej∟	15							°C/W
	Rejc	20							
Maximum Reverse Recovery Time (Note 3)	Trr		150			250	50	0	ns
Operating Temperature Range	TJ	-55 to +150							ç
Storage Temperature Range	Tstg	-55 to +150							°C
NOTES :1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC. REV. 4, Oct-2010 KD								-2010 KDE	EC02

2. Thermal Resistance Junction to Ambient, Lead and Case.

3.Reverse Recovery Test Conditions:IF=0.5A,IR=1A,IRR=0.25A.

RATING AND CHARACTERISTIC CURVES Components.com PR1001G thru PR1007G



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