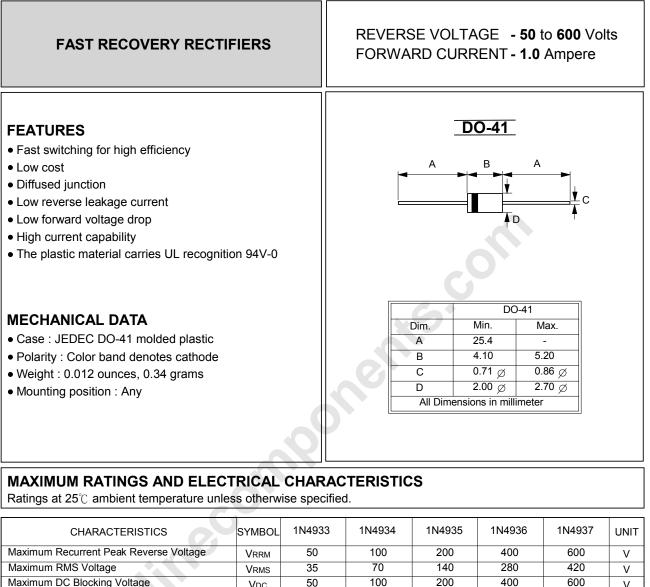
LITE ON Contine components.com SEMICONDUCTOR[®] 1N4933 thru 1N4937



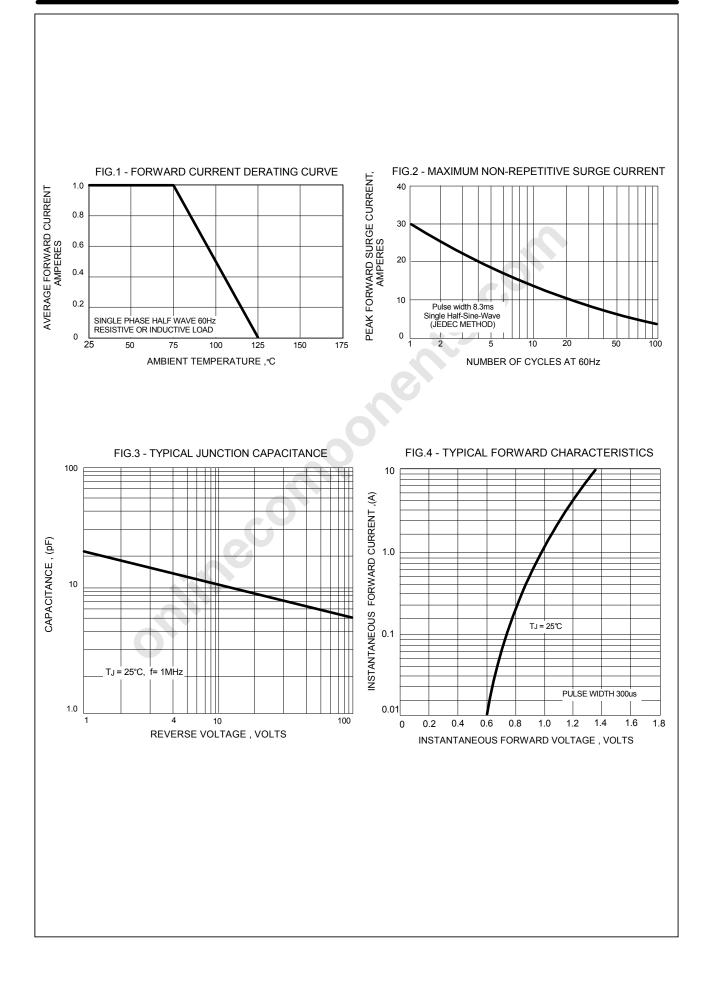
CHARACTERISTICS	SYMBOL	1N4933	1N4934	1N4935	1N4936	6 1N4937	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	V
Maximum RMS Voltage	VRMS	35	70	140	280	420	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	V
Maximum Average Forward Rectified Current @TA=75°C	l(AV)	1.0					А
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load (JEDEC Metod)	IFSM	30					A
Maximum forward Voltage at 1.0A DC	VF	1.2					V
Maximum DC Reverse Current @TJ=25 °C		5					uA
at Rated DC Blocking Voltage @TJ=100 °C	IR	100					uA
Maximum Reverse Recovery Time (Note 1)	Trr	200					ns
Maximum Reverse Recovery Time (Note 2)	Trr	130					ns
Typical Junction Capacitance (Note 3)	CJ	15					pF
Typical Thermal Resistance (Note 4)	Reja	50					°C/W
Operating Temperature Range	TJ	-55 to +125					°C
Storage Temperature Range	Tstg	-55 to +150				°C	
NOTES : 1.Measured with IF=1.0A,VR=30V,di/dt=50A/us.					REV	REV. 3, Oct-2010, KDBC01	

2.Measured with IF=0.5A,IR=1A,IRR=0.25A.

3.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

4. Thermal Resistance Junction to Ambient.

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