

FEATURES

- Available as "HR" (high reliability) screened per MIL-PRF-19500, JANTX level. Add "HR" suffix to base part number.
- Available as non-RoHS (Sn/Pb plating), standard, and as RoHS by adding "-PBF" suffix.

MAXIMUM RATINGS

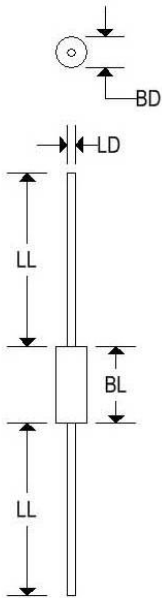
Characteristics	Value
Storage temperature range	-55° to +200°C
Maximum junction operating temperature	+175°C
Lead temperature	+260°C
Power dissipation	
Maximum total power dissipation at 25°C ambient	250 mW
Linear power derating factor (from 25°C)	1.67 mW/°C
Working inverse voltage	
FJT1100	25V
FJT1101	15V
Continuous forward current	150 mA

ELECTRICAL CHARACTERISTICS (T_A = 25°C unless otherwise specified)

Symbol	Characteristics	Min	Max	Units	Test Conditions
BV	Breakdown voltage	FJT1100 30 FJT1101 20		V	I _R = 5.0μA
I _R	Reverse current	FJT1100 FJT1101	1.0 10 5.0 15	pA	V _R = 5.0V V _R = 15V V _R = 5.0V V _R = 15V
V _F	Forward voltage	FJT1100 FJT1101	1.05 1.10	V	I _F = 50mA
C	Capacitance	FJT1100 FJT1101	1.5 1.8	pF	V _R = 0, f = 1MHz

MECHANICAL CHARACTERISTICS

Case	DO-35
Marking	Body painted, alpha-numeric
Polarity	Cathode band



	DO-35			
	Inches		Millimeters	
	Min	Max	Min	Max
BD	0.055	0.090	1.400	2.290
BL	0.120	0.200	3.050	5.080
LD	0.018	0.022	0.460	0.560
LL	1.000	1.500	25.400	38.100