

International IOR Rectifier

PD-2.289 rev. A 11/97

11DQ09
11DQ10

SCHOTTKY RECTIFIER

1.1 Amp

Major Ratings and Characteristics

Characteristics	11DQ..	Units
$I_{F(AV)}$ Rectangular waveform	1.1	A
V_{RRM}	90/100	V
I_{FSM} @ $t_p = 5 \mu s$ sine	90	A
V_F @ 1 Apk, $T_J = 25^\circ C$	0.85	V
T_J range	-40 to 125	$^\circ C$

Description/Features

The 11DQ.. axial leaded Schottky rectifier has been optimized for very low forward voltage drop, with moderate leakage. Typical applications are in switching power supplies, converters, free-wheeling diodes, and reverse battery protection.

- Low profile, axial leaded outline
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Very low forward voltage drop
- High frequency operation
- Guard ring for enhanced ruggedness and long term reliability

