



1N3288R 供应商

Transys
Electronics
LIMITED

捷多邦, 专业PCB打样工厂, 24小时加急出货

1N3288(R)-1N3297(R)

High Current Rectifier

$V_{RRM} = 50-1400V$, $I_{F(AV)} = 100 A$, $V_F = 1.2V$



Cathode to Stud Shown

(Anode to Stud add Suffix R)

Symbol



Cathode to Stud Symbol

MAXIMUM RATINGS (T_J = 25 °C unless stated otherwise)

Parameter	Symbol	1N3288	1N3289	1N3290	1N3291	1N3292	1N3293	1N3294	1N3295	1N3296	1N3297	Unit
Repetitive Peak Reverse Voltage	V_{RRM}	100	200	300	400	500	600	800	1000	1200	1400	Volt
Maximum Average On-State Current	$I_{F(AV)}$	100										Amp
Peak Forward Surge Current	I_{FSM}	1600										Amp
Maximum I ² T for Fusing	$I^2 T$	10700										A ² /S
Maximum Storage Temperature Range	$T_{(STG)}$	-65 to +200										°C
Maximum Junction Temperature Range	T_J	-65 to +200										°C

ELECTRICAL CHARACTERISTICS at T_J = 25 °C Maximum. Unless stated Otherwise

Parameter	Symbol	Condition	Value			Unit
			Min	Typ	Max	
Maximum Forward Voltage	V_{FM}	$I_{FM} = 200 \text{ Amps}$		1.2		Volt
Repetitive Peak Off- State Current (1)	$I_{DRM(1)}$	$V_R = V_{RRM}$		20.0		μA
Repetitive Peak Off- State Current (2)	$I_{DRM(2)}$	$V_R = V_{RRM}, T_J = 150^\circ\text{C}$			5	mA
Operating Frequency	$f_{(MAX)}$				7.5	KHz
Thermal Resistance (Junction to Case)	$R_{TH (J-C)}$				0.40	°C/W
Mounting Torque	M_T				11.3	NM
Weight	Wt				78	grms

