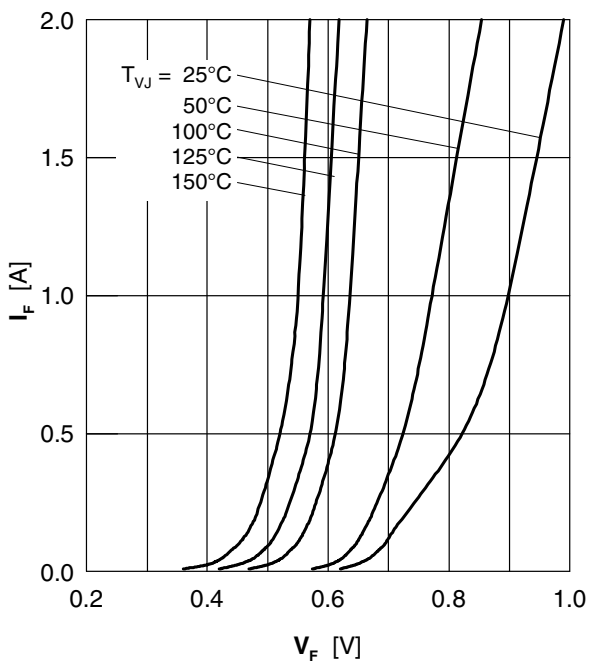




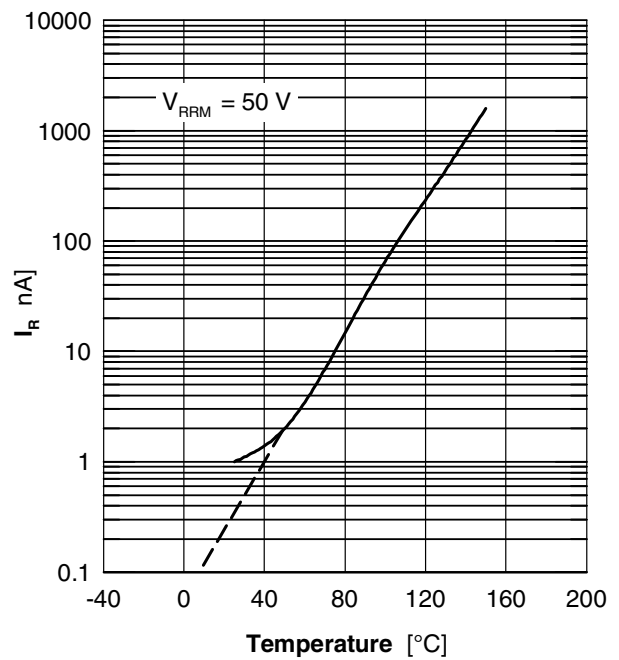
Symbol	Conditions	Ratings		
		min	typ.	max.
$I_R$	$V_D = V_R = V_{RRM}$ $T_{VJ} = 25^\circ\text{C}$			0.001 $\mu\text{A}$
				2 $\mu\text{A}$
$V_F$	$I_F = 0.1 \text{ A}$ $T_{VJ} = 25^\circ\text{C}$			0.69 V
				0.46 V
$t_{rr}$	$V_R = 50 \text{ V}$ $-di_F/dt = 10 \text{ A}/\mu\text{s}$		0.65	$\mu\text{s}$
$I_{RM}$	$I_F = 2 \text{ A}$ $T_{VJ} = 25^\circ\text{C}$		7	A
$t_{rr}$	$V_R = 50 \text{ V}$ $-di_F/dt = 100 \text{ A}/\mu\text{s}$		0.25	$\mu\text{s}$
$I_{RM}$	$I_F = 2 \text{ A}$ $T_{VJ} = 25^\circ\text{C}$		22	A

\* Data according to assembled Chip

Data according to IEC 60747

**Typical characteristics of a triangular diode**


Forward current Vs forward voltage drop



Reverse leakage current Vs temperature