


# ULTRAFAST DIODE **KD-50120UF.**



предварительная Jan. 2011

 <b>VSP-MIKRON</b>		<b>50A/1200V. Die Size-8,7*5,0mm.</b>			
<b>Electrical Characteristics</b>	<b>Symbol</b>	<b>Unit</b>	<b>min</b>	<b>typ</b>	<b>max</b>
Breakdown Voltage @ $I_R=0,10\text{mA}$	$V_B$	V	1220	1250	-
Average Rectified Forward Current	$I_{F(AV)}$	A	50,0	-	-
DC Forward Voltage @ $25^\circ\text{C}$ , $I_F=50\text{A}$	$V_F$	V	-	-	2,19
Maximum Reverse Current @ $25^\circ\text{C}$ , $V_R=1200\text{V}$ $125^\circ\text{C}$ , $V_R=1200\text{V}$	$I_R$	MA	-	-	0,10 2,0
Reverse Recovery Time, $I_F=1\text{A}$ , $V_R=30\text{V}$ , $dI_F/dt=100\text{A}/\mu\text{S}$ .	$t_{rr}$	nS	-	40	-
Operating Junction Temperature	$T_J$	$^\circ\text{C}$	150		