

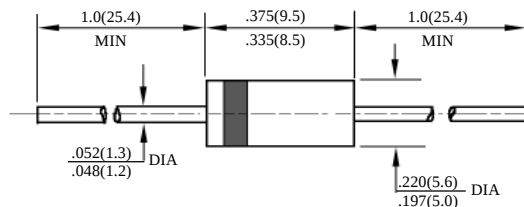
UF5400– UF5408

超快速二极管
SUPER FAST DIODES

型 号 TYPE	最大反向 峰值电压 Maximum Peak Reverse Voltage	最大平均 正向电流 Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		最大正向 浪涌电流 Maximum Forward Peak Surge Current @ 8.3ms Superimposed	最大反向 漏电流 Maximum Reverse Current @ PRV @ T _A =25°C	最大正向电压 Maximum Forward Voltage @ T _A =25°C		最大反向 恢复时间 Maximum Reverse Recovery Time	外型尺寸 Package Dimensions
	PRV	I _O @ T _L		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}	T _{rr}	DO-201AD
	V _{PK}	A _{AV}	°C	A _{PK}	μA _{dc}	A _{PK}	V _{PK}	ns	
UF5400	50	3.0	55	150	5.0	3.0	1.00	50	DO-201AD
UF5401	100						1.00	50	
UF5402	200						1.00	50	
UF5403	300						1.30	50	
UF5404	400						1.30	50	
UF5405	500						1.30	75	
UF5406	600						1.30	75	
UF5407	800						1.70	75	
UF5408	1000						1.70	75	

T_{rr} 测试条件: I_F=0.5A, I_R=1.0A, I_{RR}=0.25A

T_{rr} Test Conditions: I_F=0.5A, I_R=1.0A, I_{RR}=0.25A



DO – 201AD

UF5401 – UF5407

超快速二极管额定值与特性曲线

RATING AND CHARACTERISTIC CURVES OF SUPER FAST DIODES

FIG.1–TEST CIRCUIT DIAGRAM AND
REVERSE RECOVERY TIME CHARACTERISTIC

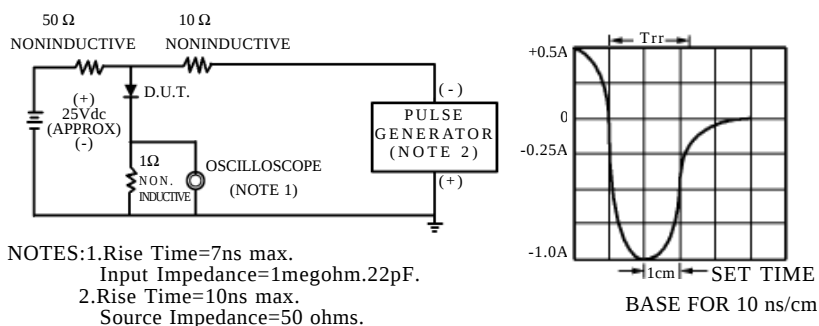


FIG. 2 – TYPICAL FORWARD
CURRENT DERATING CURVE

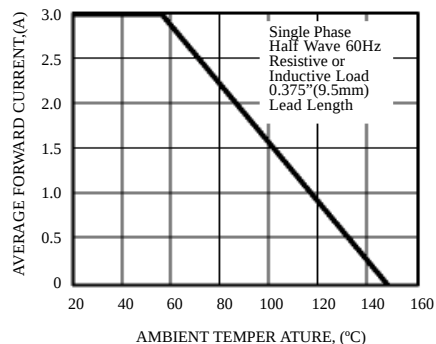


FIG. 3 – TYPICAL REVERSE
CHARACTERISTICS

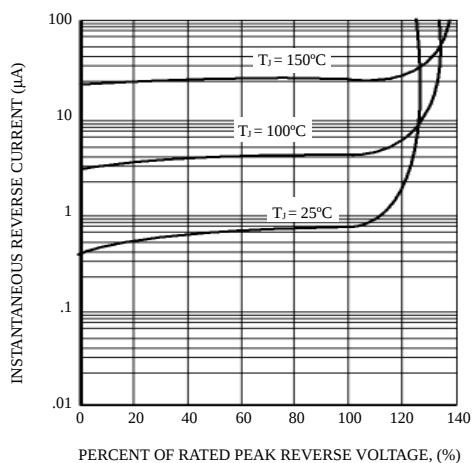


FIG. 4 – TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

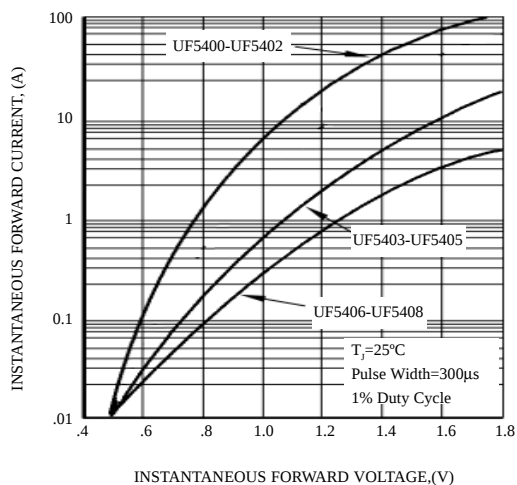


FIG. 5 – MAXIMUM NON-REPETITIVE
FOWARD SURGE CURRENT

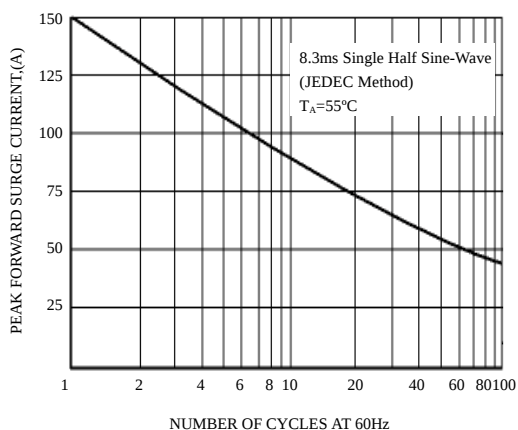


FIG. 6 – TYPICAL JUNCTION CAPACITANCE

