

RN779F

For AGC, Switching.

- 1) Small mold type. (UMD3)
- 2) High-frequency resistance witch is small and low capacity.

Silicon epitaxial planar

The drawing shows the UMD3 package with the following dimensions:

- Top View:**
 - Overall width: 2.0 ± 0.2
 - Lead width: 0.3 ± 0.1
 - Lead pitch: 0.65 (labeled (0.65) for two positions)
 - Overall length: 1.3 ± 0.1
 - Distance from lead center to package center: 0.7 ± 0.1 (labeled (1))
 - Distance from package center to lead center: 0.7 ± 0.1 (labeled (2))
- Side View:**
 - Lead height: 0.15 ± 0.05
 - Package height: 1.25 ± 0.1
 - Lead thickness: 0.1 Min.
 - Package width: 0.9 ± 0.1
 - Lead width: 0.7 ± 0.1

Other labels include: "Each lead has same dimension", "(3)" pointing to the lead, and "(1)" and "(2)" pointing to the lead positions on the top view.

Diagram of UMD3 showing dimensions: 1.3, 0.65, 0.9MIN., 0.8MIN., and 1.6.

Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes a top view, a front view, and a side view. Key dimensions and tolerances are:

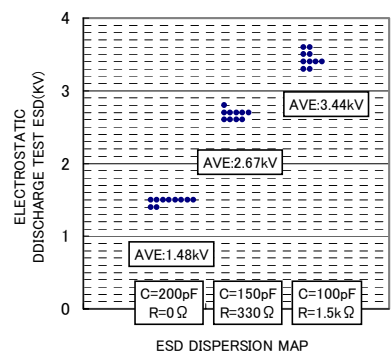
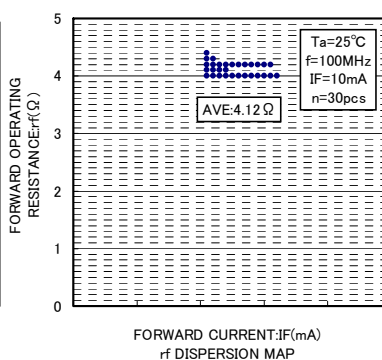
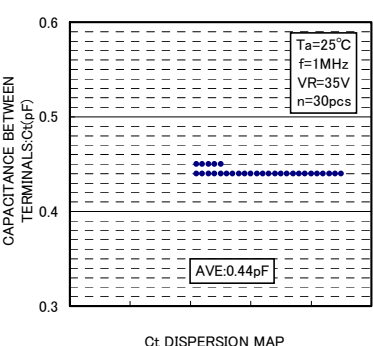
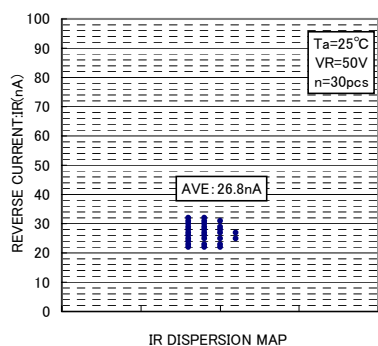
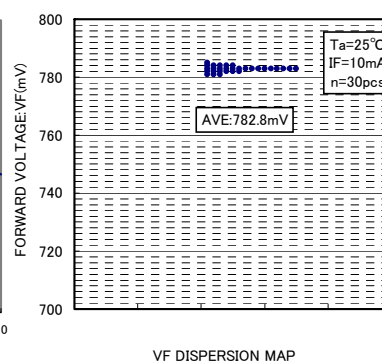
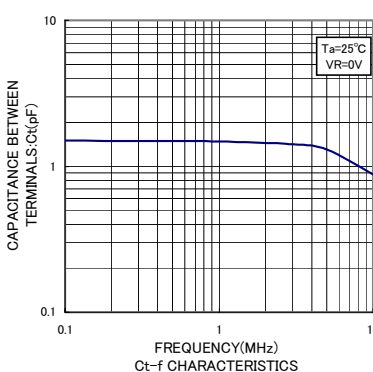
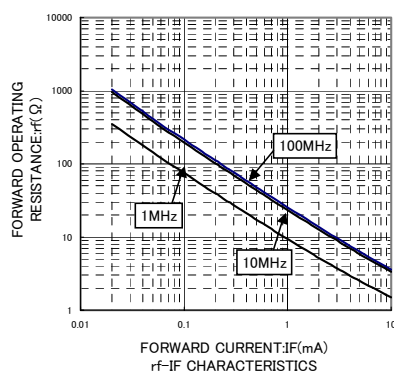
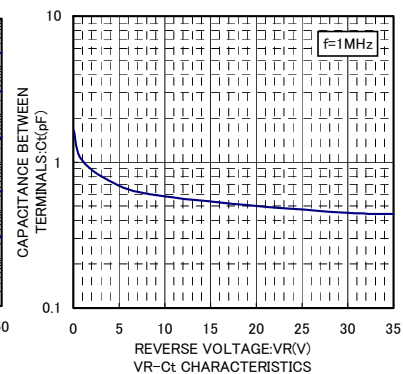
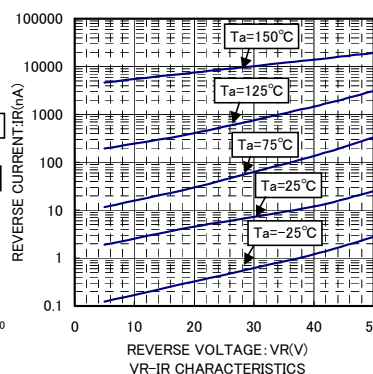
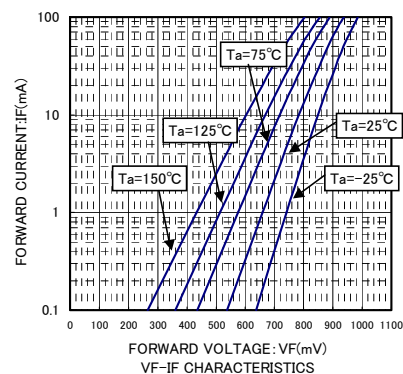
- Top view dimensions: 4.0 ± 0.1 , 2.0 ± 0.05 , $\phi 1.55 \pm 0.05$, 2.25 ± 0.1 , 4.0 ± 0.1 .
- Front view dimensions: 2.4 ± 0.1 , 5.5 ± 0.2 , 3.5 ± 0.05 , 1.75 ± 0.1 , 8.0 ± 0.2 .
- Side view dimensions: 0.3 ± 0.1 , 2.4 ± 0.1 , 1.25 ± 0.1 .
- Other dimensions: 0 , $0 \sim 0.1$, $\phi 0.5 \pm 0.05$.

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	50	V
Forward current (DC)	I_F	50	mA
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55 to +150	°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	1	V	$I_F=10\text{mA}$
Reverse current	I_R	-	-	0.1	μA	$V_R=50\text{V}$
Capacitance between terminals	C_t	-	-	0.9	pF	$V_R=35\text{V}$, $f=1\text{MHz}$
High frequency resistance	R_f	-	-	7	Ω	$I_F=10\text{mA}$, $f=100\text{MHz}$

Diodes

●Electrical characteristic curves (Ta=25°C)



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