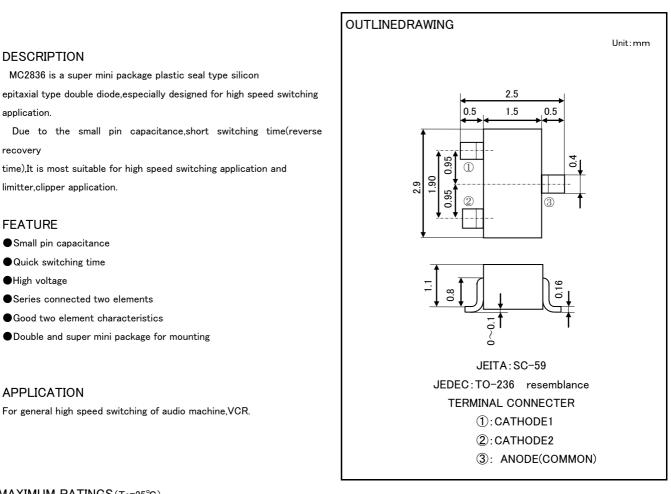
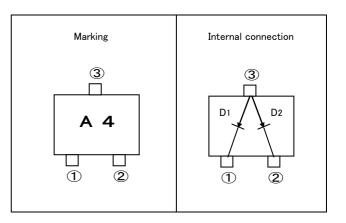
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FOR HIGH SPEED SWITCHING APPLICATION SILICON EPITAXIAL TYPE(COMMON ANODE)



Symbol	Parameter	Ratings	Unit	
V _{RM}	Peak reverse voltage	75	V	
V _R	DC reverse voltage	50	V	
I _{FSM}	Surge current(1 μ s)	4	А	
I _{FM}	Peak forward current	300	mA	
Ιo	Average rectification current	100	mA	
P _T	Total allowance dissipation(Ta=25°C)	200	mW	
T _j	Junction temperature	+150	°C	
Tstg	Storage temperature	-55 ~ +150	°C	

MAXIMUM RATINGS(Ta=25°C)



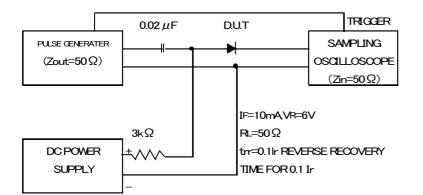
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ELECTRICAL CHARACTERISTICS(Ta=25°C)

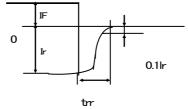
Parameter	Symbol	Test conditions	Limits			Uniit
Farameter			Min	Min	Min	Onnic
	V _{F1}	I _F =10mA	-	0.77	0.9	v
Forward voltage	V_{F2}	I _F =50mA	I	0.90	1.0	
	V_{F3}	I _F =100mA	I	0.95	1.2	
Reverse current	I _R	V _R =50V	-	-	0.1	μA
Pin capacitance	C _t	V _R =0V, f=1MHz	I	2.8	4.0	pF
Reverse recovery time	trr	(Refer to test circuit)	-	-	4.0	ns



● INPUT VOLTAGE WAVE FORM

CURRENT WAVE FORM IN DIODE

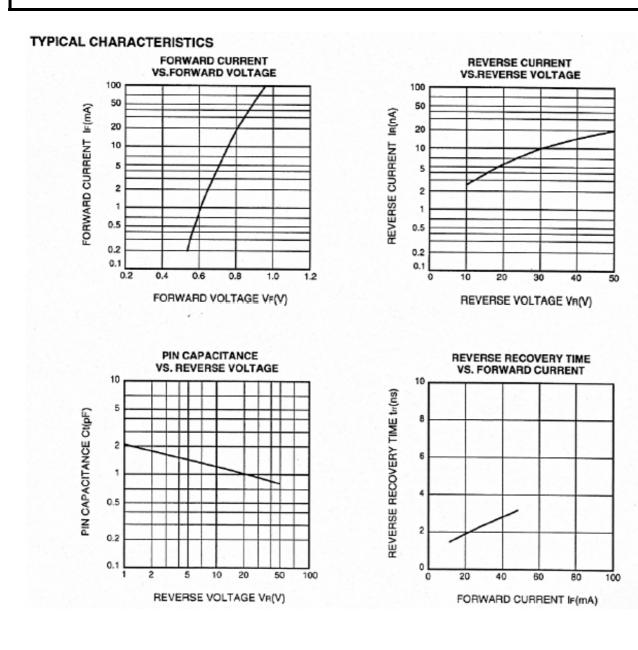




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FOR HIGH SPEED SWITCHING APPLICATION SILICON EPITAXIAL TYPE(COMMON ANODE)





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