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1SS198

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Oct. 1998

WWW.100Y.COM.TW **Features**

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Detection efficiency is very good.

Small temperature coeff

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- Small glass package (MHD) enables easy mounting and high reliability.

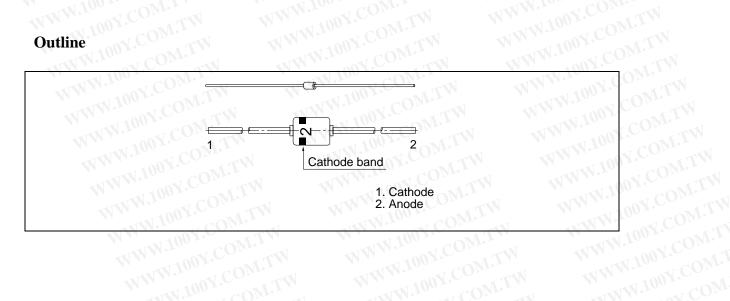
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Ordering Information

Ordering Informa	ation				
Type No.	Cathode	Mark OM	Package Code		
1SS198	Green	WW.12	MHD		

Outline





1SS198

Absolute Maximum Ratings (Ta = 25°C) WWW.100Y.CO

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Item	Symbol	Value CO	Un
Reverse voltage	V_{R}	10 CO	V
Average rectified current	COM. Io	30	mA
Junction temperature	COM.T	125	O/ _C C
Storage temperature	Tstg	-55 to +125	°C

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W.1007.

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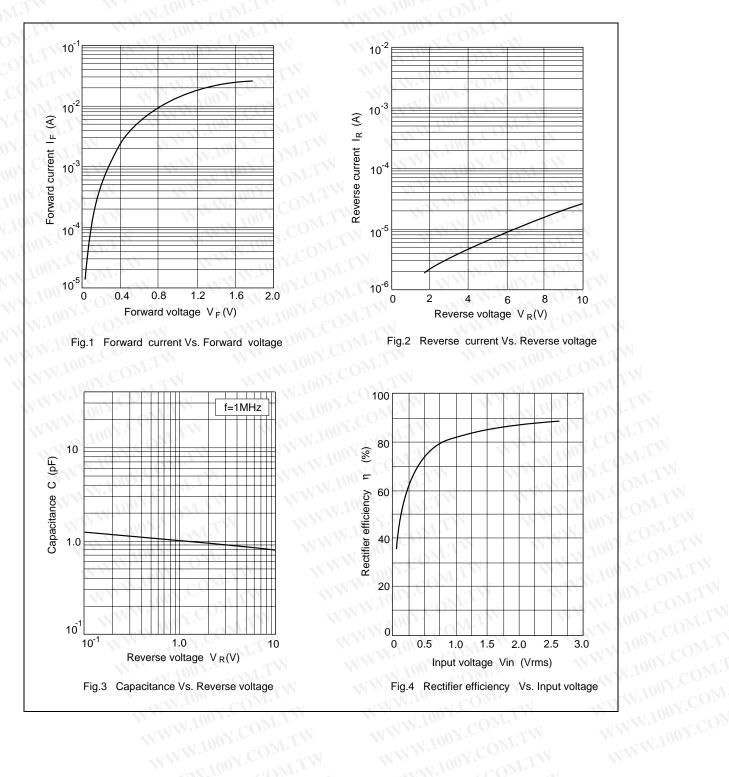
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Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward current	I _F	4.5	1.1 0 0 7.	MOD	mA	$V_F = 1V$
Reverse current	I _R	M.	TOOY	70	μA	$V_R = 6V$
Capacitance	(VC	MM	100	1.5	pF	$V_R = 1V$, $f = 1MHz$
Rectifier efficiency	η	70	VW.10	0 1. C0	%	Vin = 2Vrms, f = 40MHz, $R_L = 5k\Omega$ $C_L = 20pF$
ESD-Capability *1	TA	100	WW.	00X.	ONLY	C = 200pF, Both forward and reverse direction 1 pulse.

Main Characteristic

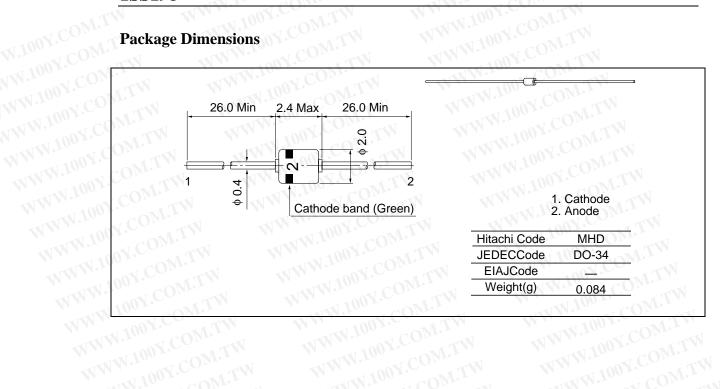


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1SS198

Package Dimensions

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