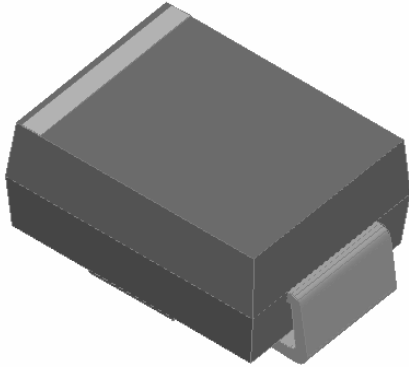




GifZUWY Ac i bh ; YbYfU` Di fdcgY FYWhjZjYf

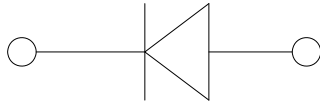


: YUhi fYg

- Low profile package
- Ideal for automated placement
- Glass passivated chip junction
- High forward surge capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

HmdjWU` 5dd`jWUhjcbg

For use in general purpose rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, and telecommunication.



AYW\UbjWU` 8UhU

- DUW_U[Y: DO-214AA (SMB)
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- HYf a]bU'g: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Dc'Uf]hm: Cathode line denotes the cathode end

Maximum Repetitive peak reverse voltage	V_{RRM}	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	280	420	560	700
Maximum DC Blocking Voltage	V_{DC}	V	50	100	200	400	600	800	1000
Average rectified output current @60Hz sine wave, resistance load, TL (Fig.1)	I_O	A	3.0						
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j=25$	I_{FSM}	A	100						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j=25$			200						
Current squared time @1ms t 8.3ms $T_j=25$	I^2t	A^2s	41.5						
Storage temperature	T_{stg}	-	-55 ~ +150						
Junction temperature	T_j	-	-55 ~ +150						

9`YWhfjWU` 7\UfUWhYfjghjWg $T_a=25$ - Unless otherwise specified

D5F5A9H9F	GMA6C@	I B-H	H9GH 7CB8-H:CBG	; G' 56	; G' 66	; G' 86	; G' ; 6	; G' >6	; G' ? 6	; G' A6
Maximum instantaneous forward voltage	V_F	V	$I_{FM}=3.0A$	1.1						
Maximum DC reverse current at rated DC blocking voltage	I_R	μA	$T_j=25$ -	5						
			$T_j=125$ -	100						
Typical junction capacitance	C_j	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	25						



; G'56 H<F I ; G' A6'

H\YfaU' 7\UfUWhYf]gh]Wg Ta 0đPŕ` ° ` 0



; G' 56 H < F I ; G' A 6 '

CfXYf]b[-bZcf aUh]cb (Example)

DF9 : 9F98 D#B	D57 ? : B ; 7C89	I B = H K 9 = ; < H fl [L	A = B = A I A D57 ? 5 ; 9 fid W gl	= BB9F 6CL E I 5BH = HM fid W gl	C I H9F 75FHCB E I 5BH = HM fid W gl	89 @ = J9FM AC89
----------------	---------------------	----------------------------	---------------------------------------	-------------------------------------	---	---------------------

; G' 56 ! ; G' A 6



8]gW'U]a Yf

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your m M E p t