



GifZUWY'Acibh'<][\'9ZZ]W]Ybh'FYWh]Z]Yf'

.....:YUhiFYg''''

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

.....Hmd]WU''5dd']WUh]cbg'

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

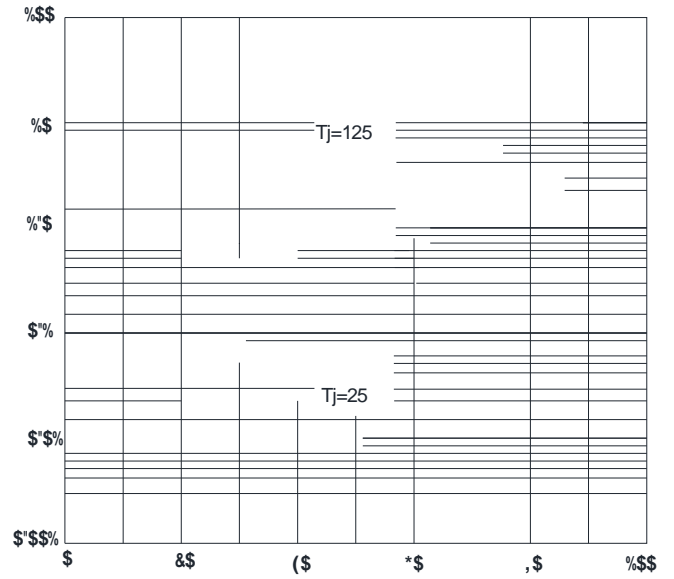
..AYW\Ub]WU''8UhU'

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

AUI]aia'FUh]b]g (Ta=25 Unless otherwise specified)

D5F5A9H9F'	GMA6C@'	IB=H	<G'56	<G'66	<G'86	<G':6	<G';6'	<G'>6'	<G'?6	<G'A6
Device marking code	VDC	V	HSAB	HSBB	HSDB	HSFB	HSGB	Page	800	1000

Average rectified output current @60Hz sine wave, resistance load, TL (Fig.1)	IO	A	3.0							
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	IFSM	A	100							
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			200							
Current squared time @1ms t 8.3ms Tj=25	I ² t									



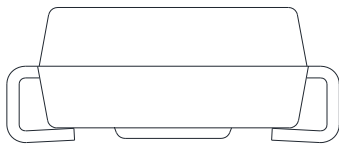
CfXYf]b ['bzcf a Uh]cb' (Example)

DF9 : 9F98'D#B'	D57 ?-B ; ' 7C89'	IB-H' K9-; <Hfl [L	A=B-A I A' D57 ? 5 ; 9fidWgt.	-BB9F' 6CL' E I 5BH-HMfidWgt.	C I H9F' 75FHCB' E I 5BH-HMfidWgt.	89@=J9FM' AC89'
<G' 56!<G' A6'	F1	Approximate 0.096	3000	/	48000	13" reel
<G' 56!<G' A6'	F2	Approximate 0.096	750	6000	24000	7" reel
<G' 56!<G' A6'	F3	Approximate 0.096	500	4000	16000	7" reel



C i h`bY'8] a Ybg]cbg`

DO-214AA(SMB)



8C!&%(55fGA6t'		
Dim	Min	Max
A	1.85	2.15
B	3.30	3.94
C	4.05	4.75
D	1.99	2.61
E	5.21	5.59
F	0.90	1.41
G	0.05	0.20
H	0.15	0.31

Gi [[YghYX'dUX`Umc i h'

8C!&%(55fGA6t'	
Dim	Millimeters
P1	6.8
P2	4.3
P3	1.8
Q1	2.5
Q2	2.3



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 nearest Yangjie's sales office for further assistance.