



HS5

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- 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

HS5

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

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- Package: DO-214AB (SMC)
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity: Color band denotes the cathode end

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HS5	HS5	HS5	HS5	HS5	HS5	HS5	HS5	HS5	HS5	HS5
Device marking code			HS5N	HS5BHS5D	HS5FHS5G	HS5J	HS5K	HS5M		
Maximum Repetitive Peak Reverse Voltage	VRRM	V	50	100	200	300	400	600	800	1000

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Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	IFSM	A	150							
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			300							
Current squared time @1ms t 8.3ms Tj=25	I²t	A²s	94							

Storage Temperature Tstg -55 ~ +150 HS5J

Maximum instantaneous forward voltage	VF	V	IFM=5.0A	1.0	1.3	1.7	HS5K	HS5M
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C i h]bY' 8]a Ybg]cbg''

DO-214AB (SMC)		
Dim	Min	Max
A	6.60	7.11
B	2.85	3.27
C	5.59	6.22
D	7.75	8.13
E	1.99	2.61
F	0.15	0.31
G	0.76	1.52
H	0.05	0.20

'G i [[YghYX'dUX''Umc i h'

8C!&%(56'flGA7L'	
Dim	Min
P1	9.9
P2	3.84
Q1	3.03
Q2	3.82



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