



- 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

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

- : DO-214AA (SMB)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- : Tin plated leads, solderable M] rDØfM- D

■ (Ta=25 Unless otherwise s

Maximum Repetitive peak reverse voltage	V_{RRM}								

Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25	I_{FSM}	A	150
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			300
Current squared time @1ms≤t≤8.3ms Tj=25	I^2t	A ² s	94
Storage temperature	T_{stg}		-55 ~ +150
Junction temperature	T_j		-55 ~ +150

■ Ta=25 Unless otherwd 3/8

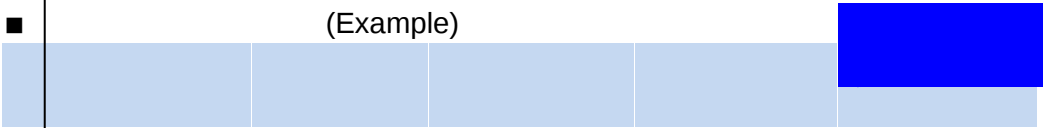
Maximum instantaneous forward voltage	V_F	V	$I_{FM}=5.0A$					1.1	
Maximum DC reverse current at rated DC blocking voltage	I_R								



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T_a=25 Unless otherwise specified







Dim	Millimeters



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