

FFSH1665ADN-F155

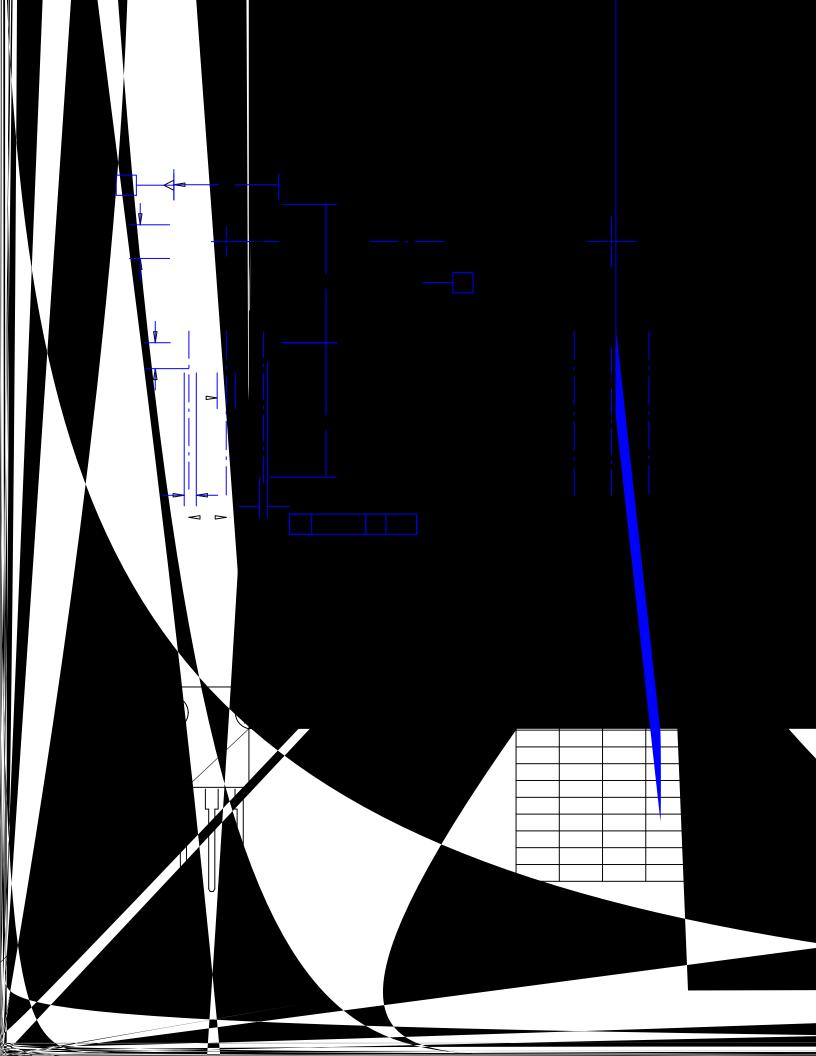
Symbol	Parameter		Value	Unit
V _{RRM}	Peak Repetitive Reverse Voltage		650	V
E _{AS}	Single Pulse Avalanche Energy	(Note 1)	49	mJ
IF	Continuous Rectified Forward Current @ T _C < 150°C		8*/16**	A
	Continuous Rectified Forward Current @ T _C < 135°C		11*/22**	
I _{F, Max}	Non-Repetitive Peak Forward Surge Current	T _C = 25°C, 10 μs	750	А
		T _C = 150°C, 10 μs	730	А
I _{F,SM}	Non-Repetitive Forward Surge Current	Half-Sine Pulse, t _p = 8.3 ms	49	А
I _{F,RM}	Repetitive Forward Surge Current	Half-Sine Pulse, t _p = 8.3 ms	34	А
Ptot	Power Dissipation	$T_{C} = 25^{\circ}C$	77	W
		T _C = 150°C	13	W

ABSOLUTE MAXIMUM RATINGS (T_C = 25° C unless otherwise noted)

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TYPICAL CHARACTERISTICS $T_J = 25^{\circ}C$ UNLESS OTHERWISE NOTED

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