



AMERICAN MICROSEMICONDUCTOR INC.

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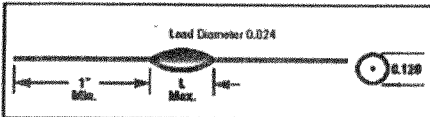
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**FS-Miniature 100 nsec
High Voltage rectifier**



**G2FS
G3FS
G4FS
G5FS
G6FS
G7FS
G8FS
G10FS**

ELECTRICAL CHARACTERISTICS

AMS P/N	CASE LENGTH INCHES L AND D		REPETITIVE PEAK REVERSE VOLTAGE VRRM V (VOLTS)	AVG. FORWARD CURRENT MAX. IFAVM@55°C mA (MILLIAMPS)	MAX. FORWARD VOLTAGE DROP VF@10ma V (VOLTS)	MAX. REVERSE CURRENT IR@VRRM@25°C uA (MICROAMPS)	MAX. SURGE CURRENT IFSM (8.3 ms) A (AMPS)	MAX. REVERSE RECOVERY TIME TRR (NSEC)

G2FS	0.20	0.10	2000	25	15	0.20	3.0	100
G3FS	0.20	0.10	3000	25	15	0.20	3.0	100
G4FS	0.20	0.10	4000	25	15	0.20	3.0	100
G5FS	0.20	0.10	5000	25	15	0.20	3.0	100
G6FS	0.32	0.12	6000	25	18	0.20	3.0	100
G7FS	0.32	0.12	7000	25	18	0.20	3.0	100
G8FS	0.32	0.12	8000	25	25	0.20	3.0	100
G10FS	0.32	0.12	10000	25	25	0.20	3.0	100