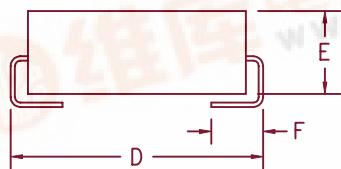
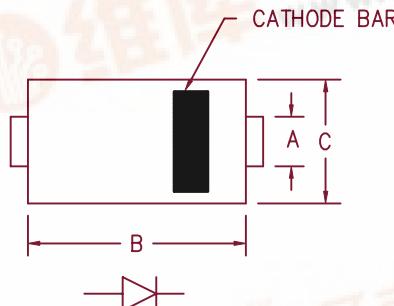


查询10BQ100供应商

1 Amp Schottky Rectifier

捷多邦，专业PCB打样工厂，24小时加急出货

HSM180J — HSM1100J



Dim.	Inches		Millimeter		
	Minimum	Maximum	Minimum	Maximum	Notes
A	.073	.087	1.85	2.21	
B	.160	.180	4.06	4.57	
C	.130	.155	3.30	3.94	
D	.205	.220	5.21	5.59	
E	.075	.130	1.91	3.30	
F	.030	.060	.760	1.52	

DO-214BA Package

Microsemi Catalog Number	Working Peak Reverse Voltage	Repetitive Peak Reverse Voltage	Device Marking
HSM180J	80V	80V	H180
HSM190J	90V	90V	H190
HSM1100J	100V	100V	H100

- Underwriters Laboratory Flammability Class 94V-0
- Schottky Barrier Rectifier
- Guard Ring Protection
- 175°C Junction Temperature
- Surface mount package

Electrical Characteristics

Average forward current	I _{F(AV)} 1.0 Amps
Maximum surge current	I _{FSM} 40 Amps
Max peak forward voltage	V _{FM} .51 Volts
Max peak forward voltage	V _{FM} .84 Volts
Max peak reverse current	I _{RM} 100 μ A
Typical junction capacitance	C _J 45pF

T _L = 140°C, Square wave, R _{θJL} = 15°C/W
8.3ms, half sine, T _J = 175°C *
I _{FM} = 0.1A: T _J = 25°C *
I _{FM} = 1.0A: T _J = 25°C *
V _{RRM} , T _J = 25°C
V _R = 5.0V, T _J = 25°C

*Pulse test: Pulse width 300 μ sec, Duty cycle 2%

Thermal and Mechanical Characteristics

Storage temperature range	T _{STG}
Operating junction temp range	T _J
Maximum thermal resistance	R _{θJL}
Weight	

-55°C to 175°C
-55°C to 175°C
15°C/W junction to lead
.0047 ounces (.013 grams) typical

HSM180J – HSM1100J

Figure 1
Typical Forward Characteristics

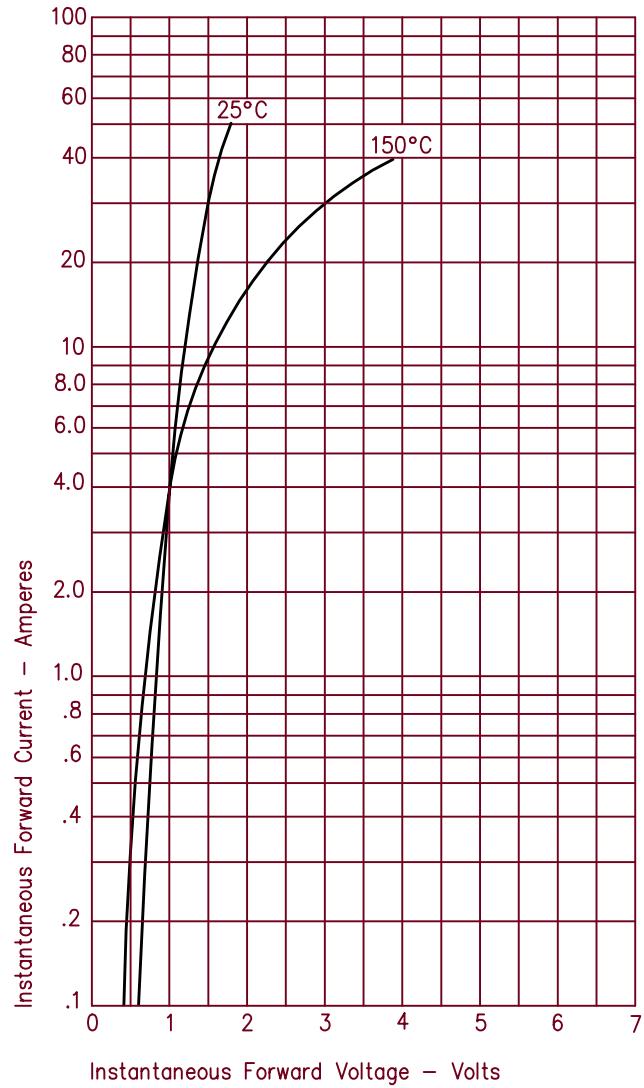


Figure 3
Typical Junction Capacitance

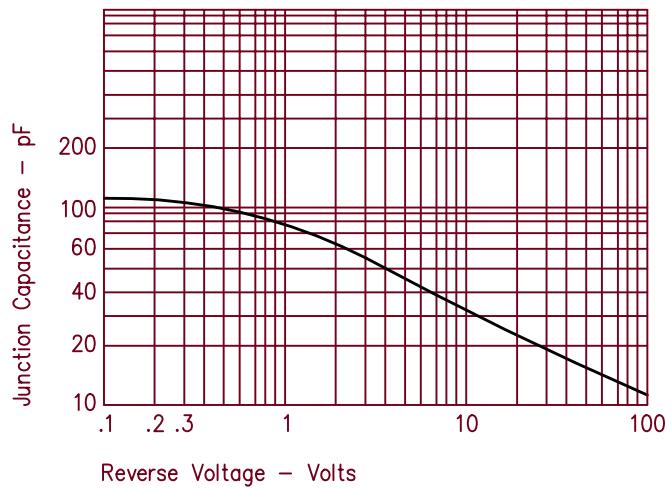


Figure 2
Typical Reverse Characteristics

