1N5808 (#3896)

RFQ/Sample

Ultra Fast Rectifier (less than 100ns)

Package

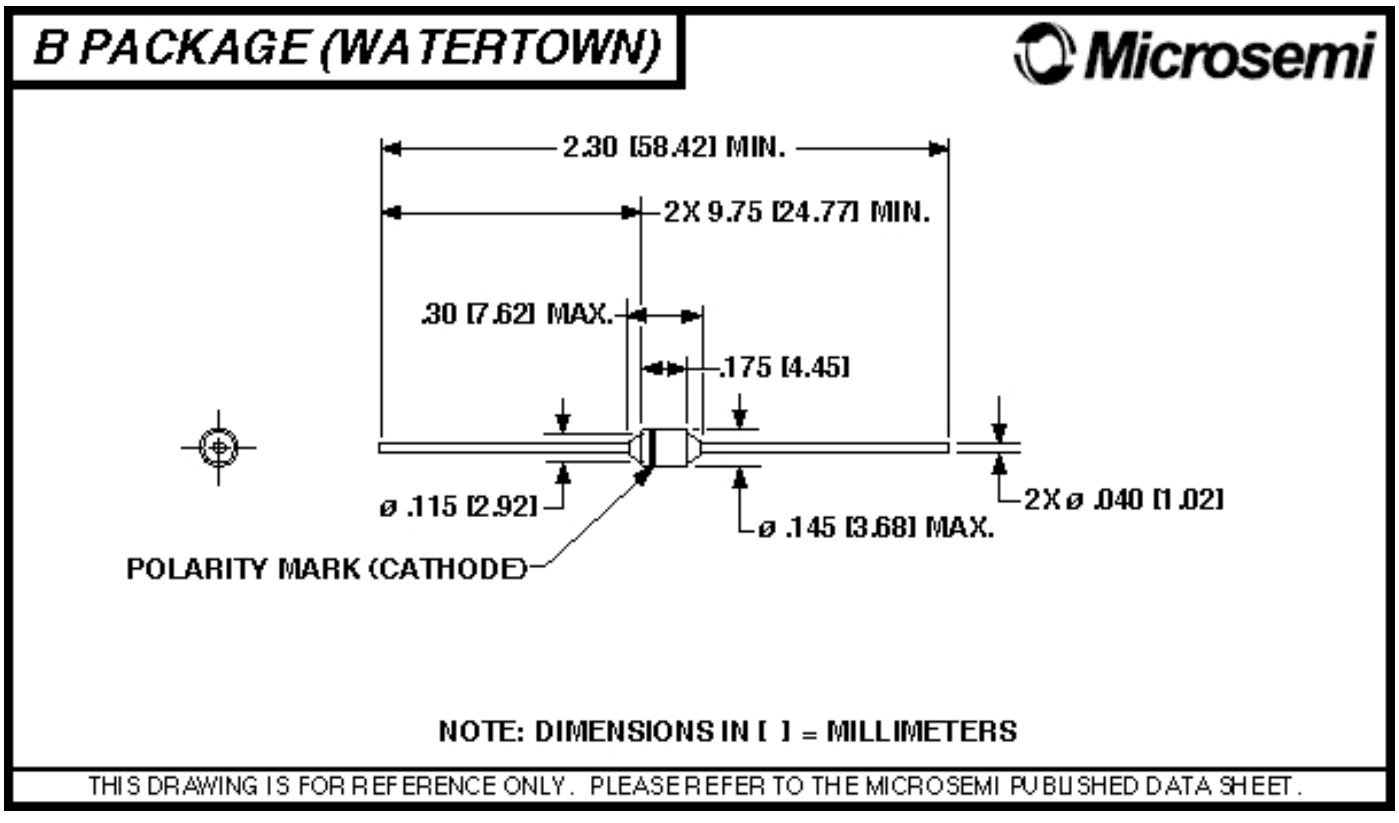
Division Scottsdale **Datasheet** (none)

Mil-Spec (none)

Shipping TR12\4000cntTR12 **Qual Data** Contact Microsemi

Maximum Electrical Rating	Symbol	Max	Unit
Output Current	I_O	6	A
Reverse Voltage	V_{rwm}	75	V
Max Forward Surge Current	I_{FSM}	125	A

Electrical Rating	Symbol	Min	Typ	Max	Unit
Forward Voltage					
(IF=6 A, T_A=25 ºC,300µ s pulse)	V_F1			0.875	V
(IF=4 A, T_A=25 ºC)	V_F2			0.875	V
Reverse Leakage Current					
(V_{rwm}=75 V, T_A=25 ºC)	I_R			5	µ A
Junction Capacitance					
(T_A=25 ºC)	C_j			45	pF
Reverse Recovery Time	t_{rr}			30	nsec



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