

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: 1N1613
Manufacturer: Microchip Technology
Package: DO-203AA, DO-4, Stud
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/microchip-technology/1n1613.html>

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Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Silicon Power Rectifier S/R20 Series



Notes:

- 10-32 UNF3A
- Full threads within 2 1/2 threads
- Standard Polarity: Stud is Cathode
Reverse Polarity: Stud is Anode

Dim.	Inches		Millimeter		Notes
	Minimum	Maximum	Minimum	Maximum	
A	---	---	---	---	1
B	.424	.437	10.77	11.10	
C	---	.505	---	12.82	
D	.600	.800	15.24	20.32	
E	.422	.453	10.72	11.50	
F	.075	.175	1.91	4.44	
G	---	.405	---	10.29	
H	.163	.189	4.15	4.80	2
J	---	.310	---	7.87	
M	---	.350	---	8.89	Dia
N	.020	.065	.510	1.65	
P	.070	.100	1.78	2.54	Dia

DO203AA (D04)

Microsemi Catalog Number	JEDEC Numbers		Peak Reverse Voltage	
1N1064	1N1341, A,B,C	1N1581	1N1612,A	1N2228,A
1N1065	1N1342, A,B,C	1N1582	1N1613,A	
1N1066	1N1343, A,B,C			
*S2020	1N1067	1N1344, A,B,C	1N1583	1N1614,A
	1N1068	1N1345, A,B,C	1N1584	1N2230,A
*S2040	1N1069	1N1346, A,B,C	1N1585	1N1615,A
		1N1347, A,B,C	1N1586	1N2234,A
*S2060		1N1348, A,B,C	1N1587	1N2236,A
*S2080				1N2238,A
*S20100				1N2491
*S20120				1N2492
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S/R20

Figure 1
Typical Forward Characteristics

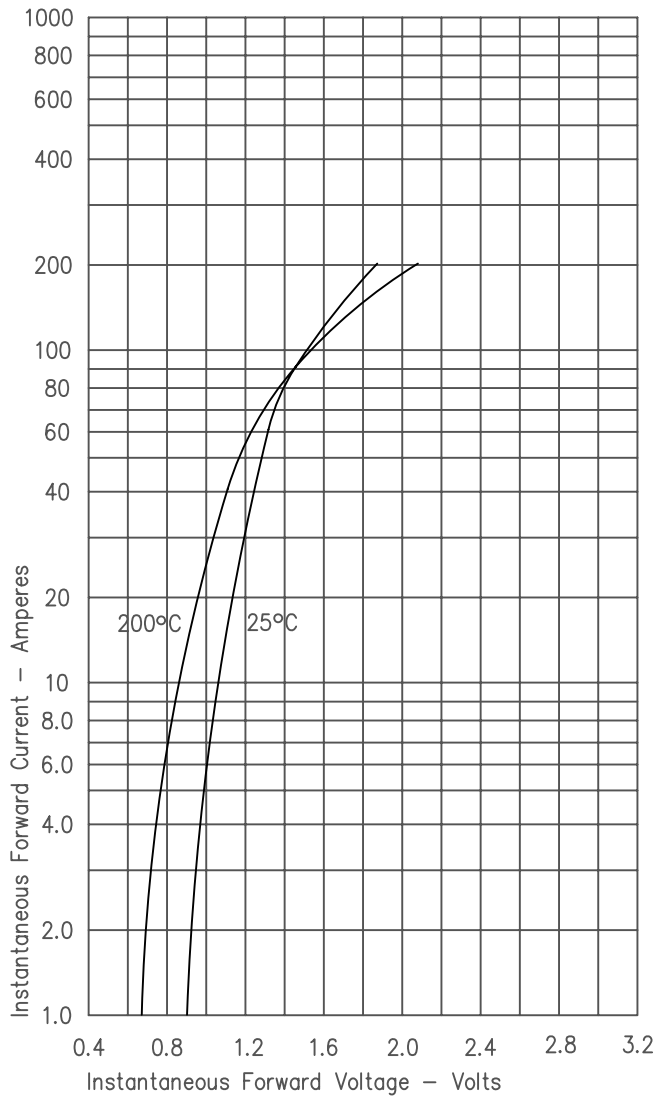


Figure 2
Typical Reverse Characteristics



Figure 3
Forward Current Derating

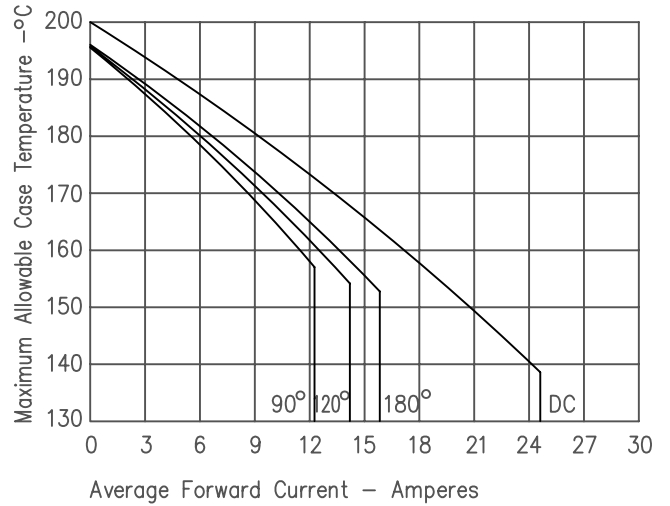


Figure 4
Maximum Forward Power Dissipation

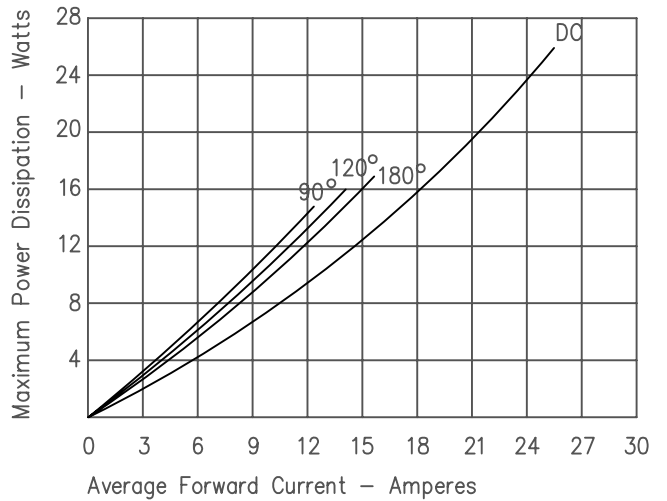


Figure 5
Transient Thermal Impedance

