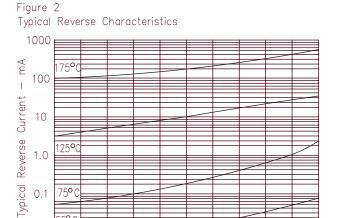
## HS12380 HS123100

Figure 1 Typical Forward Characteristics 1000 800 600 400 200 100 80 60 40 Amperes 20 I 10 Instantaneous Forward Current 8.0 6.0 4.0 2.0

Figure 3 Typical Junction Capacitance 6000 4000 2000 Junction Capacitance 1000 600 400 200 100 0.1 0.5 1.0 5.0 10 50 100 Reverse Voltage - Volts

Figure 4 Forward Current Derating 01 175 Maximum Allowable Case Temperature 165 155 145 135 125 115 90° 180° 105 100 150 200 250 Average Forward Current - Amperes



40

60

80

100

0.6

0.8

1.0

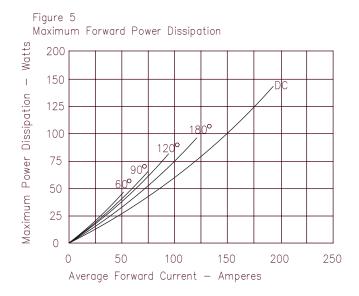
Volts

1.2

1.4

0.4

Instantaneous Forward Voltage -





20

Reverse Voltage - Volts

.01

0

1.0

0

0.2

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