



Micro Commercial Components



Micro Commercial Components
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PF251
THRU
PF255

25Amp
Rectifier
50 to 600 Volts

Features

- Low Cost
Low Leakage
Low Forward Voltage Drop
High Current Capability
For Automotive Applications

Maximum Ratings

- Standard polarity : Case is Cathode ; Lead is Anode
Note for positive terminal part number is as shown: PF251P
For negative terminal add an "N" to the suffix of the part number . i.e. PF251N
Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C

Table with 5 columns: MCC Catalog Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include PF251 through PF255.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, Conditions. Rows include Average Forward Current, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, and Typical Junction Capacitance.

*Pulse test: Pulse width 300 µsec, Duty cycle 2%

PRESSFIT

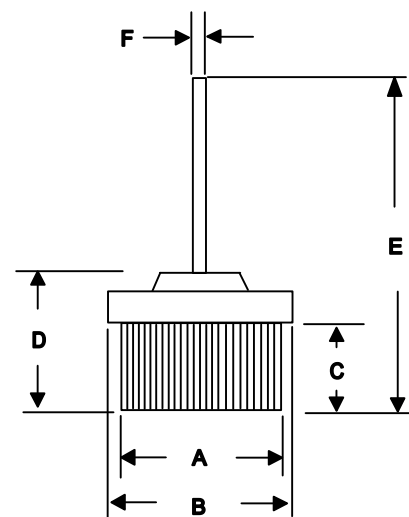


Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows include dimensions A through F.

PF251 thru PF255

Figure 1
Typical Forward Characteristics

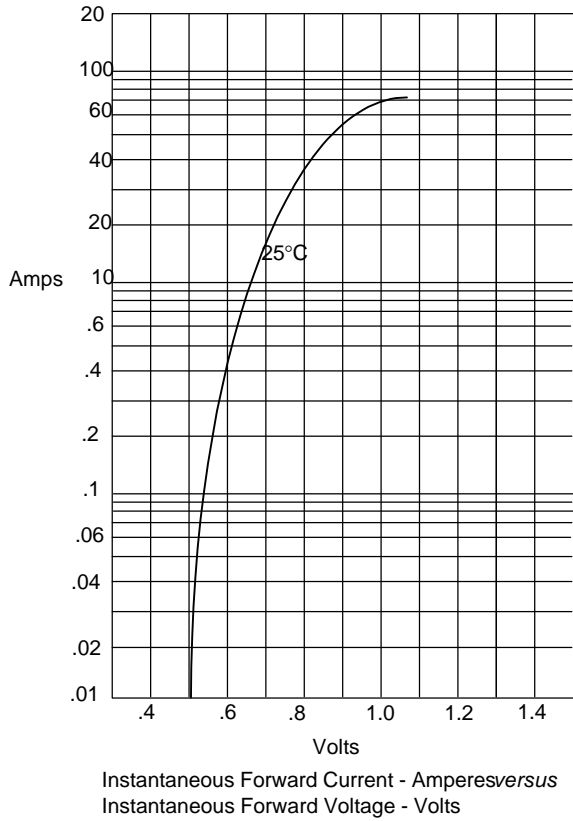


Figure 2
Forward Derating Curve

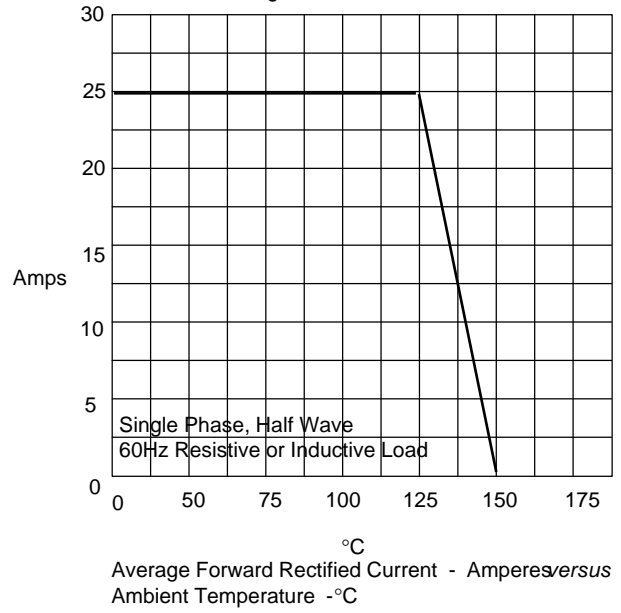


Figure 4
Peak Forward Surge Current

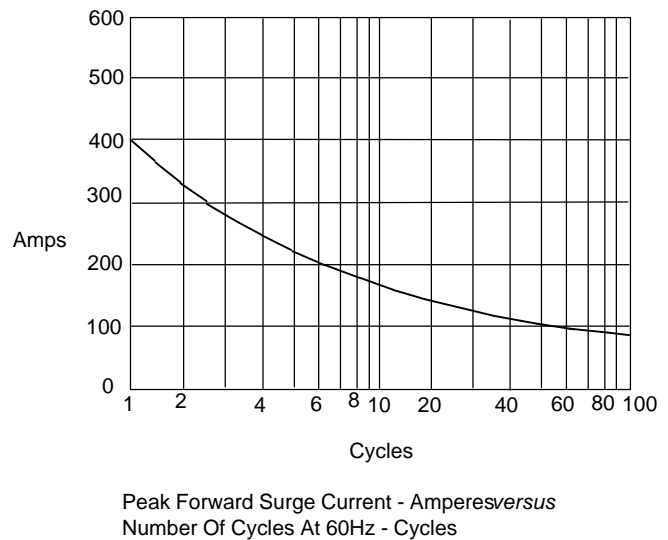
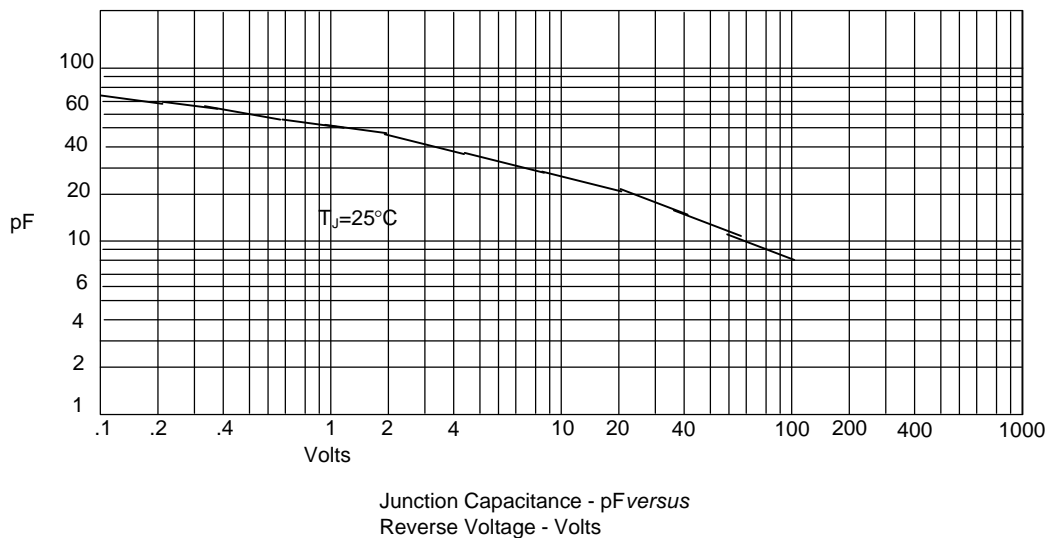


Figure 3
Junction Capacitance





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Ordering Information :

Device	Packing
Part Number-BP	Bulk: 1Kpcs/Carton

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