



THE DATASHEET OF MUR405GP-TP





Micro Commercial Components



Micro Commercial Components
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MUR405GP
THRU
MUR4100GP

Features

- Halogen free available upon request by adding suffix "-HF"
High Surge Capability
Low Leakage and Low Forward Voltage Drop
Ultra Fast Switching Speed For High Efficiency
Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)

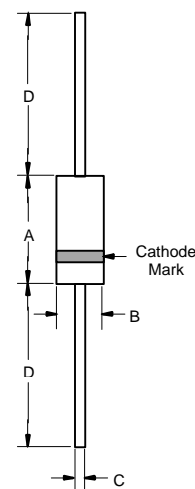
4 Amp Ultra Fast
Recovery Rectifier
50 to 1000 Volts

Maximum Ratings

- Epoxy meets UL 94 V-0 flammability rating
Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Typical Thermal Resistance 20°C/W
Moisture Sensitivity Level 1

Table with 5 columns: MCC Catalog Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include MUR405GP, MUR410GP, MUR415GP, MUR420GP, MUR440GP, MUR460GP, MUR480GP, MUR4100GP.

DO-201AD



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, Maximum Reverse Recovery Time, Typical Junction Capacitance.

Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows include dimensions A, B, C, D.

Notes:1.High Temperature Solder Exemption Applied, see EU Directive Annex 7.

MUR405GP thru MUR4100GP

Figure 1
Typical Forward Voltage

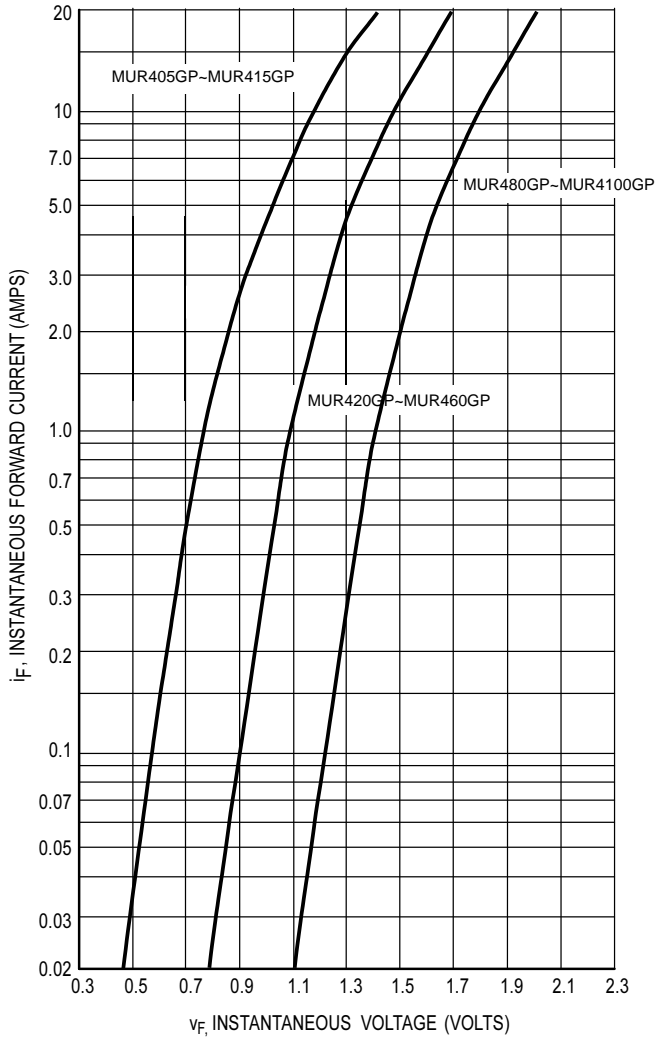


Figure 2
Forward Derating Curve

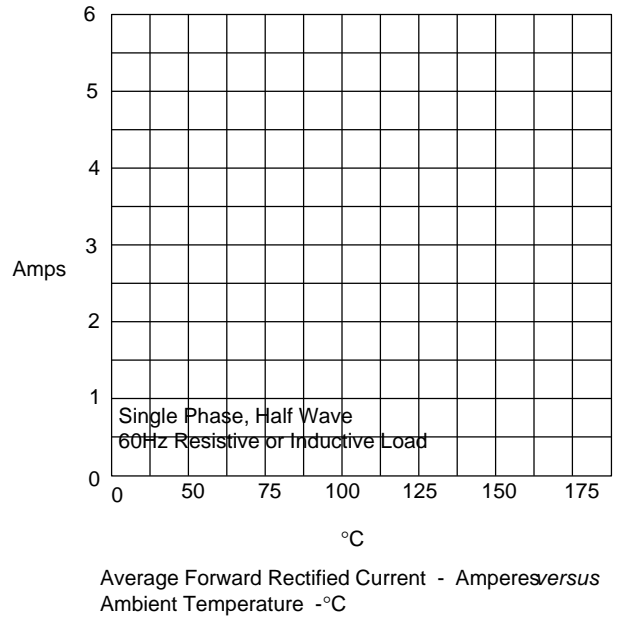
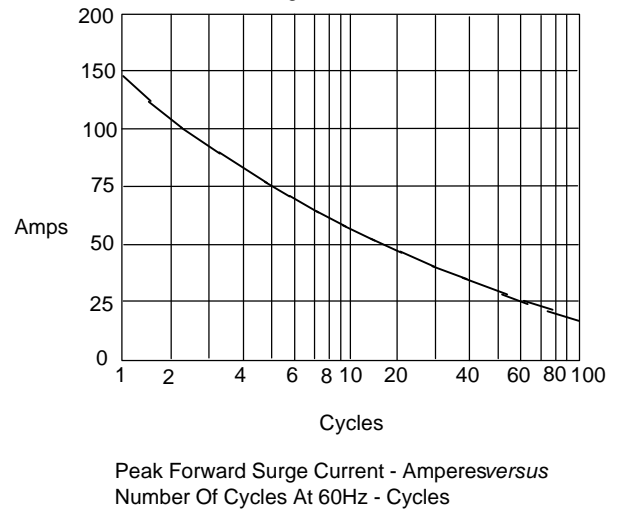


Figure 3
Peak Forward Surge Current





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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 1.2Kpcs/Reel
Part Number-AP	Ammo Packing: 1.2Kpcs/Ammo Box
Part Number-BP	Bulk: 12Kpcs/Carton

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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