

FEATURES

- The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- For through hole applications
- Metal silicon junction, majority carrier conduction
- Low power loss, high efficiency
- Current 10 Ampere
- Vr 205 Volts

MECHANICAL DATA

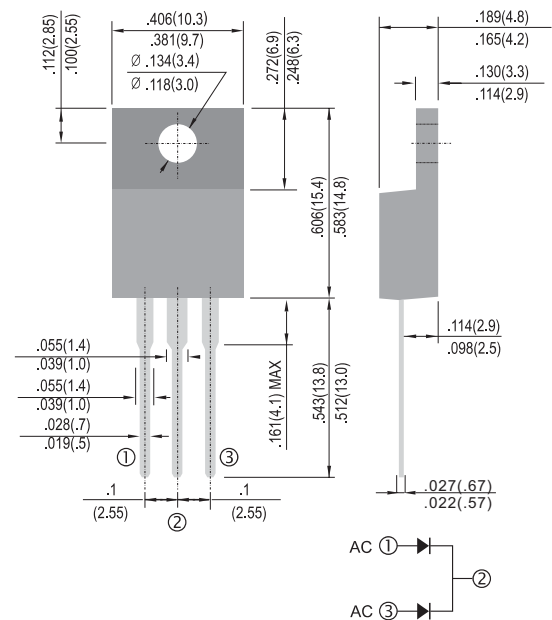
Case : TO-220F molded plastic

Polarity : As marking

Mounting Position : Any

TO-220F

Unit: inch (mm)



Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit
Forward Voltage at I _F = 100 mA	V _F	0.87	V
Reverse Voltage	V _R	205	V
Average Forward Current	I _{FAV}	10	A
Forward Surge Current at 8.3ms	I _{FSM}	150	A
Reverse Current at V _R = 205V	I _R	5	uA
Junction Temperature	T _j	175	°C
Storage Temperature Range	T _{stg}	- 55 to + 125	°C

RATING AND CHARACTERISTIC CURVES Thru MBR10200A

