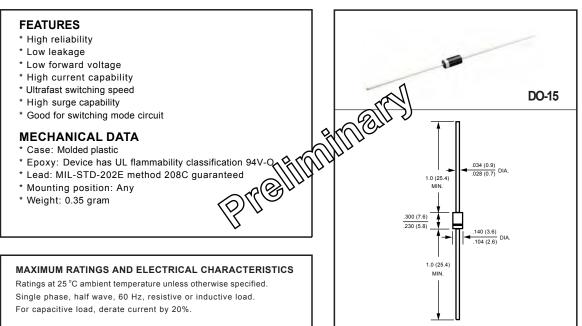




ULTRAFAST RECTIFIER

VOLTAGE RANGE 200 to 600 Volts CURRENT 2.0 Amperes



Dimensions in inches and (millimeters)

MAXIMUM RATINGS (@ TA=25 °C unless otherwise noted)

| RATINGS | SYMBOL | MUR220 | MUR240 | MUR260 | UNITS |
|--|-----------------------------------|--------------|--------|--------|-------|
| Maximum Recurrent Peak Reverse Voltage | V _{RRM} | 200 | 400 | 600 | Volts |
| Maximum RMS Voltage | V _{RMS} | 140 | 280 | 420 | Volts |
| Maximum DC Blocking Voltage | V _{DC} | 200 | 400 | 600 | Volts |
| Maximum Average Forward Rectified Current at T _A =55°C | IO | 2.0 | | | Amps |
| Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC method) | I _{FSM} | 35 | | | Amps |
| Operating and Storage Temperature Range | T _J , T _{STG} | -55 to + 150 | | | |

ELECTRICAL CHARACTERISTICS(@TA=25 °C unless otherwise noted)

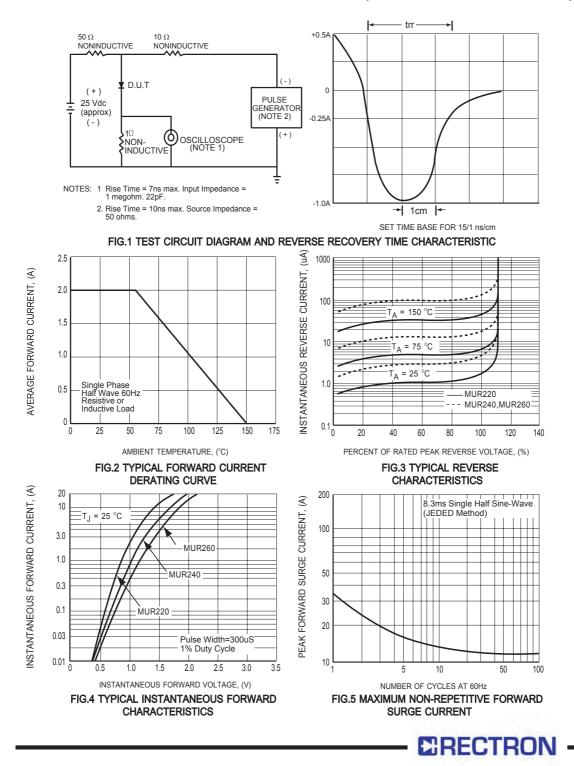
| CHARACTERISTICS | | SYMBOL | MUR220 | MUR240 | MUR260 | UNITS |
|--|-------------------------|--------------------|--------|--------|--------|-------|
| Maximum Instantaneous Forward Voltage at 2.0A DC | | VF | 0.95 | 1.30 | 1.35 | Volts |
| | @T _J = 25°C | - I _R - | 2.0 | 5.0 | | uAmps |
| | @T _J = 150°C | | 50 | 150 | | |
| Maximum Reverse Recovery Time (Note 1) | | trr | 25 | 50 | | nSec |

NOTES : 1. Test Conditions: I_F = 0.5A, I_R = -1.0A, I_{RR} = -0.25A

2. "Fully ROHS complaint", "100% Sn plating (Pb-free)"

2010-02 REV: O

RATING AND CHARACTERISTICS CURVES (MUR220 THRU MUR260)



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