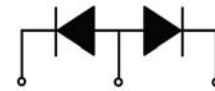
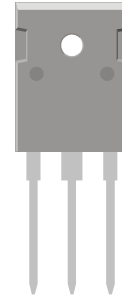




TO-247



1. Cathode 2. Anode 3. Cathode

**Features:**

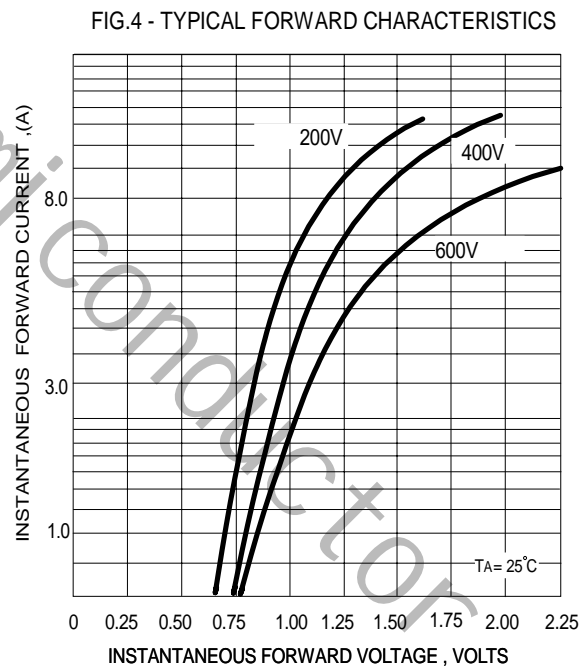
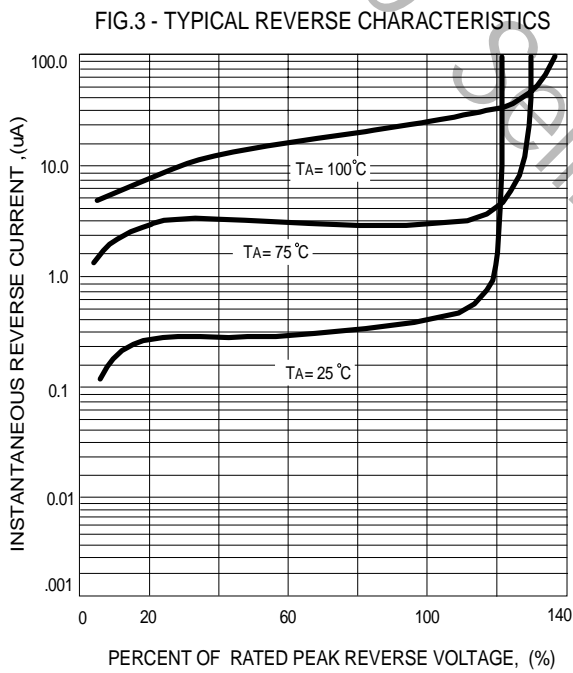
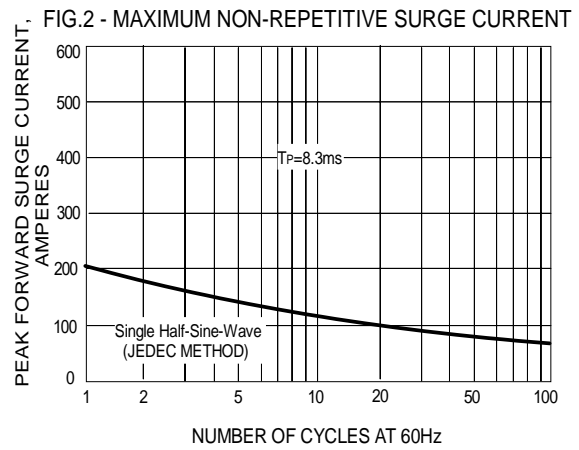
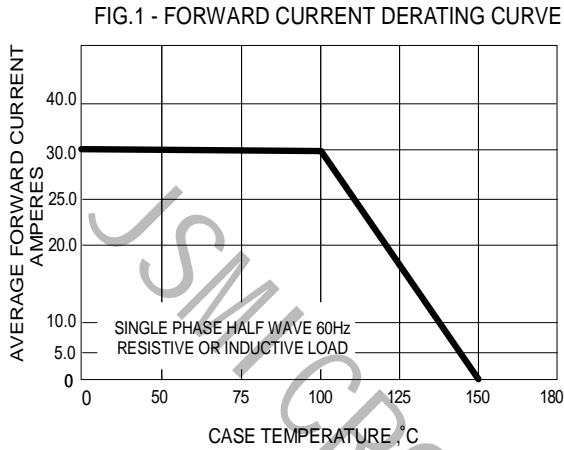
- High Surge Capability
- Low Forward Voltage Drop
- High Current Capability
- Super Fast Switching Speed For High Efficiency

**Absolute Maximum Ratings** (Ta=25°C unless otherwise noted)

Rating	Symbol	MUR3020PA	MUR3040PA	MUR3060PA	Unit
Maximum Repetitive Reverse Voltage	VRRM	200	400	600	V
DC Blocking Voltage	VDC	200	400	600	V
Maximum Average Forward Current	IAV	30			A
Peak Forward Surge Current ,8.3ms single half sine-wave superimposed on rated load(JEDEC method)	IFSM	200			A
Maximum Forward Voltage at 15A,per element	VF	1.05	1.30	1.70	V
Maximum DC Reverse Current at TA=25°C Rated DC Blocking Voltage TA=100°C	IR	5 500			µA
Maximum Reverse Recovery Time (Note 1)	TRR	50			ns
Maximum Thermal Resistance(Note 2)	Rθ-JC	3.0			°C/W
Operating Junction and Storage Temperature Range	TJ,TSTG	-55 to +150			°C

**NOTES:**

1. Reverse Recovery Test Conditions: IF=.5A, IR=1A, Irr=.25A.
2. Thermal resistance from junction to case.

**Typical Characteristics**


Package Dimension

TO-247

Units: mm

