

| Device Type | Reverse Voltage | | Forward Current @55 C | | Reverse Recovery Time | Repetitive Surge Current | 1 Cycle Surge Current tp=8.3ms | Forward Voltage Drop | | Reverse Current | | Junction Cap C _J @ 5V 1MHz | Thermal Impedance | | Operating & Storage Temp Range | | Case Outline |
|-------------|------------------|------------------|-----------------------|--------------------|-----------------------|--------------------------|--------------------------------|---------------------------------|-----------------------------------|-----------------------------------|------------------|---|-------------------|------------------------------------|--------------------------------|-----|--------------|
| | V _{RRM} | V _{IRM} | I _F (AV) | I _F (M) | | | | V _F @ I _F | I _R @ V _{RRM} | I _R @ V _{IRM} | θ _{J-L} | | θ _{J-C} | T _{OP} & T _{STG} | Min | Max | |
| | Volts | Volts | Amps | Amps | | | | Volts | μA | μA | C/W | | C/W | C | C | | |
| | | | pcb mtd | L=1/8" | | | | ns | Amps | Amps | ns | | ns | ns | ns | ns | |

STANDARD RECOVERY DISCRETE RECTIFIERS

| | | | | | | | | | | | | | | | | | |
|---------------------|------|------|-----|-----|------|----|-----|------|-----|------|----|----|----|----|-----|-----|-----|
| 1N3611 | 200 | 200 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N3612 | 400 | 400 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N3613 | 600 | 600 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N3614 | 800 | 800 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N3957 | 1000 | 1000 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N4245 | 200 | 200 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.09 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N4246 | 400 | 400 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.09 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N4247 | 600 | 600 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.09 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N4248 | 800 | 800 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.09 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N4249 | 1000 | 1000 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.09 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N5550 ^F | 200 | 200 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 1N5551 ^F | 400 | 400 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 1N5552 ^F | 600 | 600 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 1N5553 ^F | 800 | 800 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 1N5554 ^F | 1000 | 1000 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 1N5614 ^F | 200 | 200 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N5616 ^F | 400 | 400 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N5618 ^F | 600 | 600 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N5620 ^F | 800 | 800 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 1N5622 ^F | 1000 | 1000 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 0.5 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| S2M | 200 | 200 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 1.0 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| S4M | 400 | 400 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 1.0 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| S6M | 600 | 600 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 1.0 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| S8M | 800 | 800 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 1.0 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| S0M | 1000 | 1000 | 1.0 | 2.0 | 2000 | 10 | 30 | 1.10 | 1.0 | 1.0 | 25 | 23 | 38 | 7 | -65 | 175 | G2 |
| 3SM2 | 200 | 200 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 3SM4 | 400 | 400 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 3SM6 | 600 | 600 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 3SM8 | 800 | 800 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| 3SM0 | 1000 | 1000 | 3.0 | 5.0 | 2000 | 25 | 150 | 1.00 | 3.0 | 1.0 | 20 | 92 | 20 | 4 | -65 | 175 | G4 |
| PM6 | 600 | 600 | 1.1 | 2.0 | 2500 | 12 | 50 | 1.00 | 1.0 | 1.0 | 10 | 20 | 47 | 19 | -65 | 175 | G88 |
| PM8 | 800 | 800 | 1.1 | 2.0 | 2500 | 12 | 50 | 1.00 | 1.0 | 1.0 | 10 | 20 | 47 | 19 | -65 | 175 | G88 |
| PM0 | 1000 | 1000 | 1.1 | 2.0 | 2500 | 12 | 50 | 1.00 | 1.0 | 1.0 | 10 | 20 | 47 | 19 | -65 | 175 | G88 |
| 3PM2 | 200 | 200 | 1.5 | 3.5 | 2500 | 20 | 80 | 1.15 | 3.0 | 1.0 | 10 | 33 | 26 | 12 | -65 | 175 | G83 |
| 3PM4 | 400 | 400 | 1.5 | 3.5 | 2500 | 20 | 80 | 1.15 | 3.0 | 1.0 | 10 | 33 | 26 | 12 | -65 | 175 | G83 |
| 3PM6 | 600 | 600 | 1.5 | 3.5 | 2500 | 20 | 80 | 1.15 | 3.0 | 1.0 | 10 | 33 | 26 | 12 | -65 | 175 | G83 |
| 3PM8 | 800 | 800 | 1.5 | 3.5 | 2500 | 20 | 80 | 1.15 | 3.0 | 1.0 | 10 | 33 | 26 | 12 | -65 | 175 | G83 |
| 3PM0 | 1000 | 1000 | 1.5 | 3.5 | 2500 | 20 | 80 | 1.15 | 3.0 | 1.0 | 10 | 33 | 26 | 12 | -65 | 175 | G83 |

Devices in **BOLD** type available to JAN, JANTX, and JANTXV levels.

NOTE: (A) Not available to JANTXV. (F) Available in Europe to F and FX levels. (FX) Available in Europe to FX level only.

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