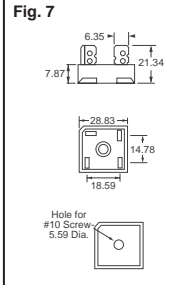
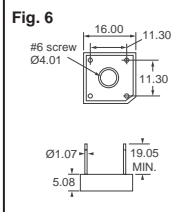
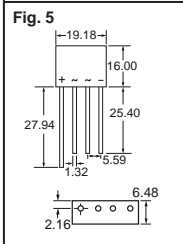
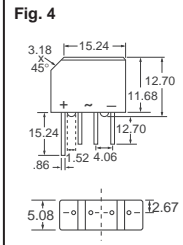
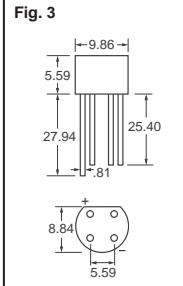
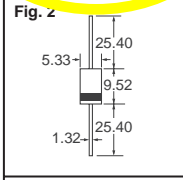
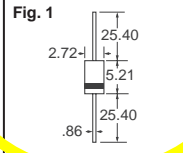


Diodes-Bridge Rectifiers



| Fig. | Max. Avg. Rect. Current (A) | Max. Peak Reverse Voltage (V) | Peak Forward Surge Current 8.3ms (A) | Max. Instant. Forward Voltage (V) | Typ. Reverse Recovery Time (µs) | Oper. Junction Temp. (°C) | Digi-Key Part No. | Cut Tape Pricing | | | Digi-Key Part No. | Tape & Reel Pricing | |
|------------------------------------|-----------------------------|-------------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------|-------------------|------------------|------|-------|-------------------|---------------------|----------|
| | | | | | | | | 1 | 10 | 100 | | 1,400 | 5,500 |
| <i>Silicon Rectifiers</i> | | | | | | | | | | | | | |
| 1 | 1.0 | 50 | 30 | 1.1 | 30 | -50 to 175 | 1N4001GICT-ND | — | .40 | 3.20 | 1N4001GITR-ND | — | 16.00/M |
| | | 100 | 30 | 1.1 | 30 | -50 to 175 | 1N4002GICT-ND | — | .40 | 3.20 | 1N4002GITR-ND | — | 16.00/M |
| | | 200 | 30 | 1.1 | 30 | -50 to 175 | 1N4003GICT-ND | — | .40 | 3.20 | 1N4003GITR-ND | — | 16.00/M |
| | | 400 | 30 | 1.1 | 30 | -50 to 175 | 1N4004GICT-ND | — | .40 | 3.20 | 1N4004GITR-ND | — | 16.00/M |
| | | 600 | 30 | 1.1 | 30 | -50 to 175 | 1N4005GICT-ND | — | .40 | 3.20 | 1N4005GITR-ND | — | 16.00/M |
| | | 800 | 30 | 1.1 | 30 | -50 to 175 | 1N4006GICT-ND | — | .40 | 3.20 | 1N4006GITR-ND | — | 16.00/M |
| | | 1000 | 30 | 1.1 | 30 | -50 to 175 | 1N4007GICT-ND | — | .40 | 3.20 | 1N4007GITR-ND | — | 16.00/M |
| 2 | 3.0 | 50 | 200 | 1.2 | — | -50 to 170 | 1N5400GICT-ND | .32 | 2.31 | 16.80 | 1N5400GITR-ND | 105.00/M | — |
| | | 100 | 200 | 1.2 | — | -50 to 170 | 1N5401GICT-ND | .32 | 2.31 | 16.80 | 1N5401GITR-ND | 105.00/M | — |
| | | 200 | 200 | 1.2 | — | -50 to 170 | 1N5402GICT-ND | .32 | 2.31 | 16.80 | 1N5402GITR-ND | 105.00/M | — |
| | | 400 | 200 | 1.2 | — | -50 to 170 | 1N5404GICT-ND | .32 | 2.31 | 16.80 | 1N5404GITR-ND | 105.00/M | — |
| | | 600 | 200 | 1.2 | — | -50 to 170 | 1N5406GICT-ND | .32 | 2.31 | 16.80 | 1N5406GITR-ND | 105.00/M | — |
| | | 1000 | 200 | 1.2 | — | -50 to 170 | 1N5408GICT-ND | .32 | 2.31 | 16.80 | 1N5408GITR-ND | 105.00/M | — |
| <i>Schottky Barrier Rectifiers</i> | | | | | | | | | | | | | |
| 1 | 1.0 | 20 | 25 | .45 | — | -65 to 125 | 1N5817GICT-ND | .45 | 3.30 | 24.00 | 1N5817GITR-ND | — | 114.00/M |
| | | 30 | 25 | .55 | — | -65 to 125 | 1N5818GICT-ND | .45 | 3.30 | 24.00 | 1N5818GITR-ND | — | 114.00/M |
| | | 40 | 25 | .60 | — | -65 to 125 | 1N5819GICT-ND | .45 | 3.30 | 24.00 | 1N5819GITR-ND | — | 114.00/M |
| 2 | 3.0 | 20 | 80 | .475 | — | -65 to 125 | 1N5820GICT-ND | .83 | 6.05 | 44.00 | 1N5820GITR-ND | 209.00/M | — |
| | | 30 | 80 | .500 | — | -65 to 125 | 1N5821GICT-ND | .83 | 6.05 | 44.00 | 1N5821GITR-ND | 209.00/M | — |
| | | 40 | 80 | .525 | — | -65 to 125 | 1N5822GICT-ND | .83 | 6.05 | 44.00 | 1N5822GITR-ND | 209.00/M | — |
| 2 | 5.0 | 20 | 150 | 0.55 | — | -65 to 125 | SB520CT-ND | .39 | 3.30 | 27.50 | SB520TR-ND | 176.00/M | — |
| | | 30 | 150 | 0.55 | — | -65 to 125 | SB530CT-ND | .39 | 3.30 | 27.50 | SB530TR-ND | 176.00/M | — |
| | | 40 | 150 | 0.55 | — | -65 to 125 | SB540CT-ND | .39 | 3.30 | 27.50 | SB540TR-ND | 176.00/M | — |
| | | 50 | 150 | 0.67 | — | -65 to 125 | SB550CT-ND | .44 | 3.75 | 31.25 | SB550TR-ND | 200.00/M | — |
| | | 60 | 150 | 0.67 | — | -65 to 125 | SB560CT-ND | .44 | 3.75 | 31.25 | SB560TR-ND | 200.00/M | — |

| Fig. | Max. Avg. Rect. Current (A) | Max. Peak Reverse Voltage (V) | Peak Forward Surge Current 8.3ms (A) | Max. Instant. Forward Voltage (V) | Oper. Junction Temp. (°C) | Digi-Key Part No. | Pricing | | | |
|---|-----------------------------|-------------------------------|--------------------------------------|-----------------------------------|---------------------------|-------------------|---------|-------|--------|--------|
| | | | | | | | 1 | 10 | 100 | 500 |
| <i>Silicon and Glass Passivated Bridge Rectifiers</i> | | | | | | | | | | |
| 3 | 1.5 | 50 | 50 | 1.0 | -55 to 150 | W005GGI-ND | .46 | 3.90 | 32.50 | 130.00 |
| | | 100 | 50 | 1.0 | -55 to 150 | W01GGI-ND | .46 | 3.90 | 32.50 | 130.00 |
| | | 200 | 50 | 1.0 | -55 to 150 | W02GGI-ND | .46 | 3.90 | 32.50 | 130.00 |
| | | 400 | 50 | 1.0 | -55 to 150 | W04GGI-ND | .46 | 3.90 | 32.50 | 130.00 |
| | | 600 | 50 | 1.0 | -55 to 150 | W06GGI-ND | .49 | 4.20 | 35.00 | 140.00 |
| | | 800 | 50 | 1.0 | -55 to 150 | W08GGI-ND | .49 | 4.20 | 35.00 | 140.00 |
| | | 1000 | 50 | 1.0 | -55 to 150 | W10GGI-ND | .49 | 4.20 | 35.00 | 140.00 |
| 4 | 2.0 | 50 | 30 | 1.1 | -55 to 165 | 2KBP005M-ND | .81 | 6.90 | — | — |
| | | 100 | 30 | 1.1 | -55 to 165 | 2KBP01M-ND | .81 | 6.90 | — | — |
| | | 200 | 30 | 1.1 | -55 to 165 | 2KBP02M-ND | .81 | 6.90 | — | — |
| | | 400 | 30 | 1.1 | -55 to 165 | 2KBP04M-ND | .81 | 6.90 | — | — |
| | | 600 | 30 | 1.1 | -55 to 165 | 2KBP06M-ND | .81 | 6.90 | — | — |
| | | 800 | 30 | 1.1 | -55 to 165 | 2KBP08M-ND | .81 | 6.90 | — | — |
| | | 1000 | 30 | 1.1 | -55 to 165 | 2KBP10M-ND | .81 | 6.90 | — | — |
| 5 | 4.0 | 50 | 200 | 1.1 | -50 to 150 | KBL005-ND | 1.86 | 16.97 | 155.25 | — |
| | | 100 | 200 | 1.1 | -50 to 150 | KBL01-ND | 1.90 | 17.34 | 158.63 | — |
| | | 200 | 200 | 1.1 | -50 to 150 | KBL02-ND | 1.97 | 17.92 | 163.88 | — |
| | | 400 | 200 | 1.1 | -50 to 150 | KBL04-ND | 2.07 | 18.86 | 172.50 | — |
| | | 600 | 200 | 1.1 | -50 to 150 | KBL06-ND | 2.12 | 19.27 | 176.25 | — |
| | | 800 | 200 | 1.1 | -50 to 150 | KBL08-ND | 2.16 | 19.68 | 180.00 | — |
| | | 1000 | 200 | 1.1 | -50 to 150 | KBL10-ND | 2.25 | 20.50 | 187.50 | — |
| 6 | 6.0 | 50 | 175 | 1.0 | -55 to 150 | GBPC6005-ND | 2.17 | 18.60 | 155.00 | — |
| | | 100 | 175 | 1.0 | -55 to 150 | GBPC601-ND | 2.17 | 18.60 | 155.00 | — |
| | | 200 | 175 | 1.0 | -55 to 150 | GBPC602-ND | 2.17 | 18.60 | 155.00 | — |
| | | 400 | 175 | 1.0 | -55 to 150 | GBPC604-ND | 2.17 | 18.60 | 155.00 | — |
| | | 600 | 175 | 1.0 | -55 to 150 | GBPC606-ND | 2.31 | 19.80 | 165.00 | — |
| | | 800 | 175 | 1.0 | -55 to 150 | GBPC608-ND | 2.31 | 19.80 | 165.00 | — |
| | | 1000 | 175 | 1.0 | -55 to 150 | GBPC610-ND | 2.31 | 19.80 | 165.00 | — |
| 7 | 12 | 50 | 200 | 1.1 | -55 to 150 | GBPC12005-ND | 3.50 | 30.00 | 250.00 | — |
| | | 100 | 200 | 1.1 | -55 to 150 | GBPC1201-ND | 3.50 | 30.00 | 250.00 | — |
| | | 200 | 200 | 1.1 | -55 to 150 | GBPC1202-ND | 3.50 | 30.00 | 250.00 | — |
| | | 400 | 200 | 1.1 | -55 to 150 | GBPC1204-ND | 3.50 | 30.00 | 250.00 | — |
| | | 600 | 200 | 1.1 | -55 to 150 | GBPC1206-ND | 3.50 | 30.00 | 250.00 | — |
| | | 800 | 200 | 1.1 | -55 to 150 | GBPC1208-ND | 3.50 | 30.00 | 250.00 | — |
| | | 1000 | 200 | 1.1 | -55 to 150 | GBPC1210-ND | 3.50 | 30.00 | 250.00 | — |

(Continued)

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