

### SINGLE PHASE PLASTIC BRIDGE RECTIFIERS (INCLUDING GLASS PASSIVATED)

| RF Part Number | Cross Reference | Max Avg Rectified Current | Peak Inverse Voltage | Peak Fwd Surge Current @ 8.3ms Superimposed | Max Forward Voltage @ TA = 25°C @ Rated IO | Max Reverse Current @ 25°C @ Rated PIV | Package  | Outline (Typical size in inches) |          |  |
|----------------|-----------------|---------------------------|----------------------|---|--|--|----------|----------------------------------|----------|--|
|                |                 | I <sub>o</sub> (A)        | PIV(V)               | I <sub>FSM</sub> (A)                        | V <sub>FM</sub> (V)                        | I <sub>R</sub> ( A)                    |          |                                  |          |  |
| GBPC25-005     |                 | 25 A                      | 50                   | 300   | 1.1@12.5A                                  | 10                                     | 1000/Box |                                  |          |  |
| GBPC25-01      |                 | 25 A                      | 100                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-02      |                 | 25 A                      | 200                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-04      |                 | 25 A                      | 400                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-06      |                 | 25 A                      | 600                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-08      |                 | 25 A                      | 800                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-10      |                 | 25 A                      | 1000                 | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-005W    |                 | 25 A                      | 50                   | 300   | 1.1@12.5A                                  | 10                                     |          |                                  | 1000/Box |  |
| GBPC25-01W     |                 | 25 A                      | 100                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-02W     |                 | 25 A                      | 200                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-04W     |                 | 25 A                      | 400                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-06W     |                 | 25 A                      | 600                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-08W     |                 | 25 A                      | 800                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-10W     |                 | 25 A                      | 1000                 | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-005V    |                 | 25 A                      | 50                   | 300   | 1.1@12.5A                                  | 10                                     | 1000/Box |                                  |          |  |
| GBPC25-01V     |                 | 25 A                      | 100                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-02V     |                 | 25 A                      | 200                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-04V     |                 | 25 A                      | 400                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-06V     |                 | 25 A                      | 600                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-08V     |                 | 25 A                      | 800                  | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| GBPC25-10V     |                 | 25 A                      | 1000                 | 300   | 1.1@12.5A                                  | 10                                     |          |                                  |          |  |
| SB3505         | KBPC3505        | 35 A                      | 50                   | 300   | 1.1@17.5A                                  | 10                                     | 1000/Box |                                  |          |  |
| SB351          | KBPC351         | 35 A                      | 100                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB352          | KBPC352         | 35 A                      | 200                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB354          | KBPC354         | 35 A                      | 400                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB356          | KBPC356         | 35 A                      | 600                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB358          | KBPC358         | 35 A                      | 800                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB3510         | KBPC3510        | 35 A                      | 1000                 | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB3505W        | KBPC3505        | 35 A                      | 50                   | 300   | 1.1@17.5A                                  | 10                                     | 1000/Box |                                  |          |  |
| SB351W         | KBPC351         | 35 A                      | 100                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB352W         | KBPC352         | 35 A                      | 200                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB354W         | KBPC354         | 35 A                      | 400                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB356W         | KBPC356         | 35 A                      | 600                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB358W         | KBPC358         | 35 A                      | 800                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| SB3510W        | KBPC3510        | 35 A                      | 1000                 | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-005     |                 | 35 A                      | 50                   | 300   | 1.1@17.5A                                  | 10                                     | 1000/Box |                                  |          |  |
| GBPC35-01      |                 | 35 A                      | 100                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-02      |                 | 35 A                      | 200                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-04      |                 | 35 A                      | 400                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-06      |                 | 35 A                      | 600                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-08      |                 | 35 A                      | 800                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-10      |                 | 35 A                      | 1000                 | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-005W    |                 | 35 A                      | 50                   | 300   | 1.1@17.5A                                  | 10                                     |          |                                  | 1000/Box |  |
| GBPC35-01W     |                 | 35 A                      | 100                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-02W     |                 | 35 A                      | 200                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-04W     |                 | 35 A                      | 400                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-06W     |                 | 35 A                      | 600                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-08W     |                 | 35 A                      | 800                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-10W     |                 | 35 A                      | 1000                 | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-005V    |                 | 35 A                      | 50                   | 300   | 1.1@17.5A                                  | 10                                     | 1000/Box |                                  |          |  |
| GBPC35-01V     |                 | 35 A                      | 100                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-02V     |                 | 35 A                      | 200                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-04V     |                 | 35 A                      | 400                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-06V     |                 | 35 A                      | 600                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-08V     |                 | 35 A                      | 800                  | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC35-10V     |                 | 35 A                      | 1000                 | 300   | 1.1@17.5A                                  | 10                                     |          |                                  |          |  |
| GBPC40-005     |                 | 40 A                      | 50                   | 400   | 1.1@20A                                    | 10                                     | 1000/Box |                                  |          |  |
| GBPC40-01      |                 | 40 A                      | 100                  | 400   | PulseWidth<300 s<br>DutyCycle<2.0%         | 10                                     |          |                                  |          |  |
| GBPC40-02      |                 | 40 A                      | 200                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-04      |                 | 40 A                      | 400                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-06      |                 | 40 A                      | 600                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-08      |                 | 40 A                      | 800                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-10      |                 | 40 A                      | 1000                 | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-005W    |                 | 40 A                      | 50                   | 400   | 1.1@20A                                    | 10                                     |          |                                  | 1000/Box |  |
| GBPC40-01W     |                 | 40 A                      | 100                  | 400   | PulseWidth<300 s<br>DutyCycle<2.0%         | 10                                     |          |                                  |          |  |
| GBPC40-02W     |                 | 40 A                      | 200                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-04W     |                 | 40 A                      | 400                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-06W     |                 | 40 A                      | 600                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-08W     |                 | 40 A                      | 800                  | 400   |  | 10                                     |          |                                  |          |  |
| GBPC40-10W     |                 | 40 A                      | 1000                 | 400   |  | 10                                     |          |                                  |          |  |