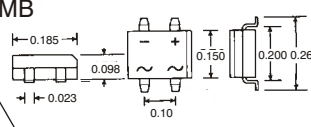
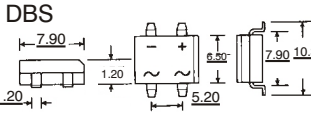
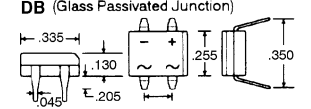
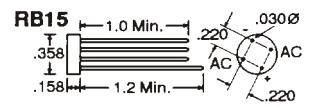
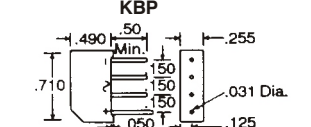


## SINGLE PHASE PLASTIC BRIDGE RECTIFIERS (INCLUDING GLASS PASSIVATED)

| SINGLE PHASE PLASTIC BRIDGE RECTIFIERS (INCLUDING GLASS PASSIVATED) |                                     |                                 |                            |                                                      |                                                     |                                                 |                    | Outline<br>(Typical size in inches)                                                                                            |                                                                                                      |
|---------------------------------------------------------------------|-------------------------------------|---------------------------------|----------------------------|------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| RF<br>Part Number                                                   | Cross<br>Reference                  | Max Avg<br>Rectified<br>Current | Peak<br>Inverse<br>Voltage | Peak Fwd Surge<br>Current<br>@ 8.3ms<br>Superimposed | Max Forward<br>Voltage<br>@ TA = 25°C<br>@ Rated IO | Max Reverse<br>Current<br>@ 25°C<br>@ Rated PIV | Package            |                                                                                                                                |                                                                                                      |
|                                                                     |                                     | I <sub>O</sub> (A)              | PIV(V)                     | I <sub>FSM</sub> (A)                                 | V <sub>FM</sub> (V)                                 | I <sub>R</sub> ( A)                             |                    |                                                                                                                                |                                                                                                      |
| Surface Mount General Purpose                                       |                                     |                                 |                            |                                                      |                                                     |                                                 |                    | <b>MB</b><br>                               |                                                                                                      |
| MB2S                                                                |                                     | 0.5 A                           | 200                        | 30                                                   | 1.0                                                 | 5                                               |                    |                                                                                                                                |                                                                                                      |
| MB4S                                                                |                                     | 0.5 A                           | 400                        | 30                                                   | 1.0                                                 | 5                                               |                    |                                                                                                                                |                                                                                                      |
| MB6S                                                                |                                     | 0.5 A                           | 600                        | 30                                                   | 1.0                                                 | 5                                               |                    |                                                                                                                                |                                                                                                      |
| S40                                                                 | This Series is NO Longer Available. |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| S80                                                                 |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| S125                                                                |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| S250                                                                |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| S380                                                                |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| S500                                                                |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| DBS101G                                                             | DF005S                              | 1.0 A                           | 50                         | 50                                                   | 1.1                                                 | 10                                              | 100 tubes<br>of 50 | <b>DBS</b><br><br><br>(Dimensions in mm)    |                                                                                                      |
| DBS102G                                                             | DF01                                | 1.0 A                           | 100                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS103G                                                             | DF02                                | 1.0 A                           | 200                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS104G                                                             | DF04                                | 1.0 A                           | 400                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS105G                                                             | DF06                                | 1.0 A                           | 600                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS106G                                                             | DF08                                | 1.0 A                           | 800                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS107G                                                             | DF10                                | 1.0 A                           | 1000                       | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS151G                                                             |                                     | 1.5 A                           | 50                         | 50                                                   | 1.1                                                 | 10                                              | 100 tubes<br>of 50 |                                                                                                                                |                                                                                                      |
| DBS152G                                                             |                                     | 1.5 A                           | 100                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS153G                                                             |                                     | 1.5 A                           | 200                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS154G                                                             |                                     | 1.5 A                           | 400                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS155G                                                             |                                     | 1.5 A                           | 600                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS156G                                                             |                                     | 1.5 A                           | 800                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DBS157G                                                             |                                     | 1.5 A                           | 1000                       | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| Thru-Hole Schottky, DIP Package                                     |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| DB102S                                                              |                                     | 1.0 A                           | 20                         | 40                                                   | 0.55                                                | 1                                               | 50<br>per tube     | <b>DB (Glass Passivated Junction)</b><br> |                                                                                                      |
| DB103S                                                              |                                     | 1.0 A                           | 30                         | 40                                                   | 0.55                                                | 1                                               |                    |                                                                                                                                |                                                                                                      |
| DB104S                                                              |                                     | 1.0 A                           | 40                         | 40                                                   | 0.55                                                | 1                                               |                    |                                                                                                                                |                                                                                                      |
| DB105S                                                              |                                     | 1.0 A                           | 50                         | 40                                                   | 0.7                                                 | 1                                               | 5000<br>Bulk       |                                                                                                                                |                                                                                                      |
| DB106S                                                              |                                     | 1.0 A                           | 60                         | 40                                                   | 0.7                                                 | 1                                               |                    |                                                                                                                                |                                                                                                      |
| Thru-Hole, DIP Package                                              |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| DB101G                                                              | DF005S                              | 1.0 A                           | 50                         | 50                                                   | 1.1                                                 | 10                                              | 100 tubes<br>of 50 |                                                                                                                                | <b>RB15</b><br> |
| DB102G                                                              | DF01                                | 1.0 A                           | 100                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB103G                                                              | DF02                                | 1.0 A                           | 200                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB104G                                                              | DF04                                | 1.0 A                           | 400                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB105G                                                              | DF06                                | 1.0 A                           | 600                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB106G                                                              | DF08                                | 1.0 A                           | 800                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB107G                                                              | DF10                                | 1.0 A                           | 1000                       | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB151G                                                              |                                     | 1.5 A                           | 50                         | 50                                                   | 1.1                                                 | 10                                              | 100 tubes<br>of 50 |                                                                                                                                |                                                                                                      |
| DB152G                                                              |                                     | 1.5 A                           | 100                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB153G                                                              |                                     | 1.5 A                           | 200                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB154G                                                              |                                     | 1.5 A                           | 400                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB155G                                                              |                                     | 1.5 A                           | 600                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB156G                                                              |                                     | 1.5 A                           | 800                        | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| DB157G                                                              |                                     | 1.5 A                           | 1000                       | 50                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| Thru-Hole                                                           |                                     |                                 |                            |                                                      |                                                     |                                                 |                    |                                                                                                                                |                                                                                                      |
| 1W005                                                               | PB101M                              | 1.0 A                           | 50                         | 30                                                   | 1.1                                                 | 10                                              | 1000/Box           | <b>KBP</b><br>                            |                                                                                                      |
| 1W01                                                                | PB102M                              | 1.0 A                           | 100                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| 1W02                                                                | PB103M                              | 1.0 A                           | 200                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| 1W04                                                                | PB104M                              | 1.0 A                           | 400                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| 1W06                                                                | PB105M                              | 1.0 A                           | 600                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| 1W08                                                                | PB106M                              | 1.0 A                           | 800                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| 1W10                                                                | PB107M                              | 1.0 A                           | 1000                       | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| W005                                                                | PB151M                              | 1.5 A                           | 50                         | 30                                                   | 1.1                                                 | 10                                              | 1000/Box           |                                                                                                                                |                                                                                                      |
| W01                                                                 | PB152M                              | 1.5 A                           | 100                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| W02                                                                 | PB153M                              | 1.5 A                           | 200                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| W04                                                                 | PB154M                              | 1.5 A                           | 400                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| W06                                                                 | PB155M                              | 1.5 A                           | 600                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| W08                                                                 | PB156M                              | 1.5 A                           | 800                        | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| W10                                                                 | PB157M                              | 1.5 A                           | 1000                       | 30                                                   | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| KBP201                                                              | KBP2005G                            | 2.0 A                           | 50                         | 200                                                  | 1.1                                                 | 10                                              | 1000/Box           |                                                                                                                                |                                                                                                      |
| KBP202                                                              | KBP205G                             | 2.0 A                           | 100                        | 200                                                  | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| KBP203                                                              | KBP206G                             | 2.0 A                           | 200                        | 200                                                  | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| KBP204                                                              | KBP207G                             | 2.0 A                           | 400                        | 200                                                  | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| KBP205                                                              | KBP208G                             | 2.0 A                           | 600                        | 200                                                  | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| KBP206                                                              | KBP209G                             | 2.0 A                           | 800                        | 200                                                  | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |
| KBP207                                                              | KBP210G                             | 2.0 A                           | 1000                       | 200                                                  | 1.1                                                 | 10                                              |                    |                                                                                                                                |                                                                                                      |