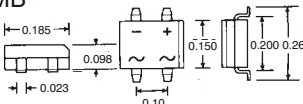
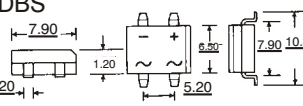
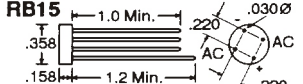
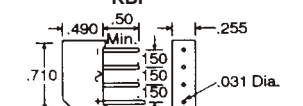


### SINGLE PHASE PLASTIC BRIDGE RECTIFIERS (INCLUDING GLASS PASSIVATED)

| 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)                    |                 |                                                                                                                         |
| Surface Mount General Purpose   |                                     |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| MB2S                            |                                     | 0.5 A                     | 200                  | 30                                          | 1.0                                        | 5                                      |                 | <b>MB</b><br>                        |
| MB4S                            |                                     | 0.5 A                     | 400                  | 30                                          | 1.0                                        | 5                                      |                 |                                                                                                                         |
| MB6S                            |                                     | 0.5 A                     | 600                  | 30                                          | 1.0                                        | 5                                      |                 |                                                                                                                         |
| S40                             |                                     |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| S80                             | This Series is NO Longer Available. |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| S125                            |                                     |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| S250                            |                                     |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| S380                            |                                     |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| S500                            |                                     |                           |                      |                                             |                                            |                                        |                 |                                                                                                                         |
| DBS101G                         | DF005S                              | 1.0 A                     | 50                   | 50                                          | 1.1                                        | 10                                     | 100 tubes of 50 |                                                                                                                         |
| 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                                     | 100 tubes of 50 | <b>DBS</b><br><br>(Dimensions in mm) |
| DBS151G                         |                                     | 1.5 A                     | 50                   | 50                                          | 1.1                                        | 10                                     |                 |                                                                                                                         |
| 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 per tube     |                                                                                                                         |
| 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 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 of 50 |                                                                                                                         |
| 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                                     | 100 tubes of 50 |                                                                                                                         |
| DB151G                          |                                     | 1.5 A                     | 50                   | 50                                          | 1.1                                        | 10                                     |                 |                                                                                                                         |
| 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        |                                                                                                                         |
| 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        | <b>RB15</b><br>                    |
| 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        | <b>KBP</b><br>                     |
| 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                                     |                 |                                                                                                                         |