



| ORDERING INFORMATION |              |                     |         |                     |
|----------------------|--------------|---------------------|---------|---------------------|
| PART NO.             | PACKING CODE | GREEN COMPOUND CODE | PACKAGE | PACKING             |
| D2SBxx<br>(Note 1)   | C2           | Suffix "G"          | GBL     | 25 / Tube           |
|                      | X0           |                     | GBL     | 25 / Tube / Forming |
|                      | D2           |                     | GBL     | 25 / Tube           |

Note 1: "xx" defines voltage from 50V (D2SB05) to 800V (D2SB80)

| EXAMPLE       |          |              |                     |                |
|---------------|----------|--------------|---------------------|----------------|
| PREFERRED P/N | PART NO. | PACKING CODE | GREEN COMPOUND CODE | DESCRIPTION    |
| D2SB80 C2     | D2SB80   | C2           |                     |                |
| D2SB80 C2G    | D2SB80   | C2           | G                   | Green compound |

**RATINGS AND CHARACTERISTICS CURVES**

(TA=25°C unless otherwise noted)

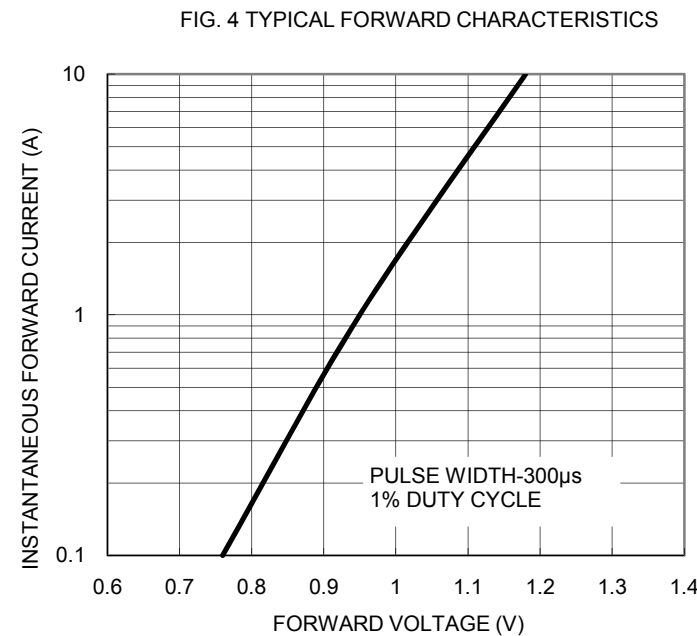
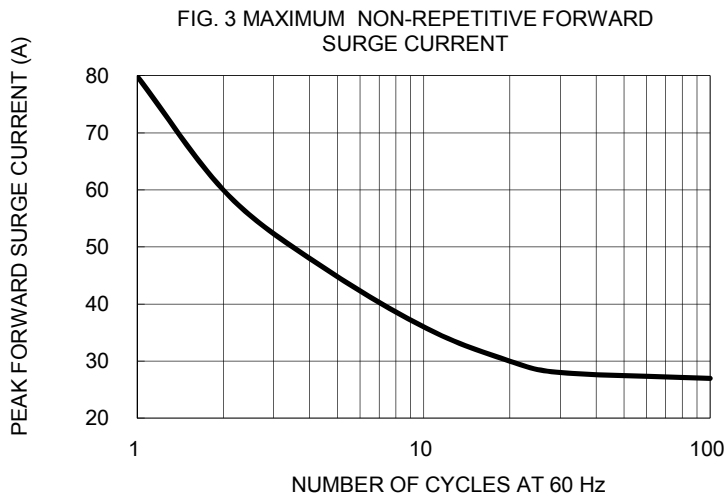
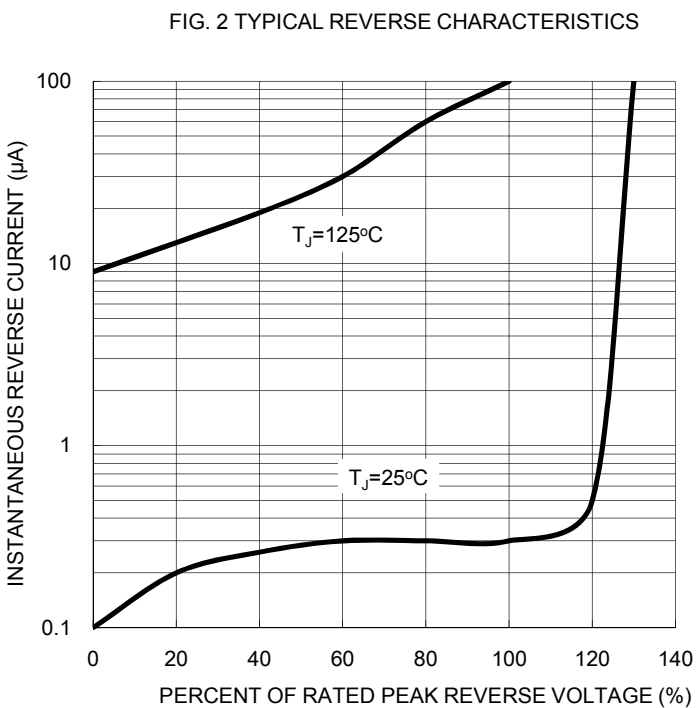
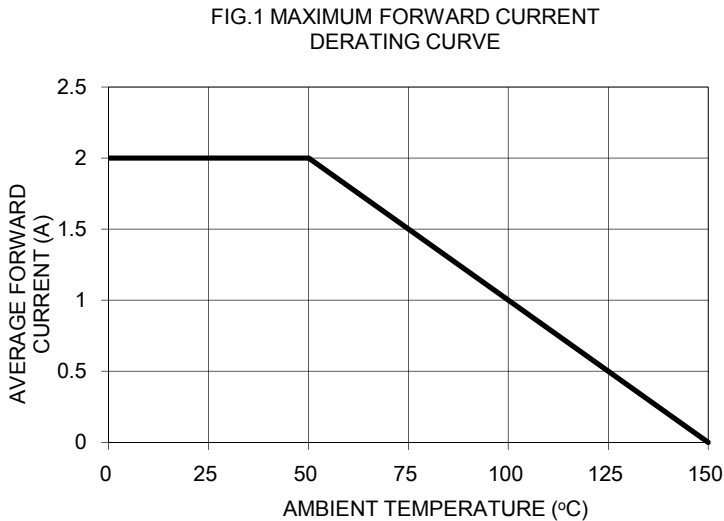
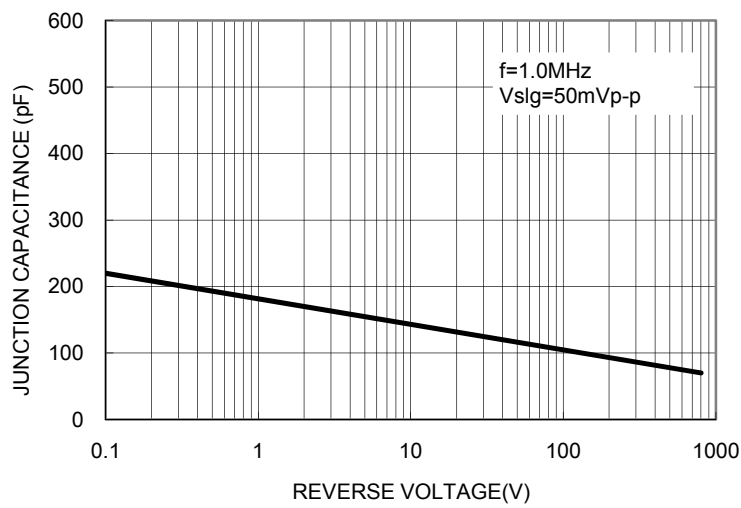
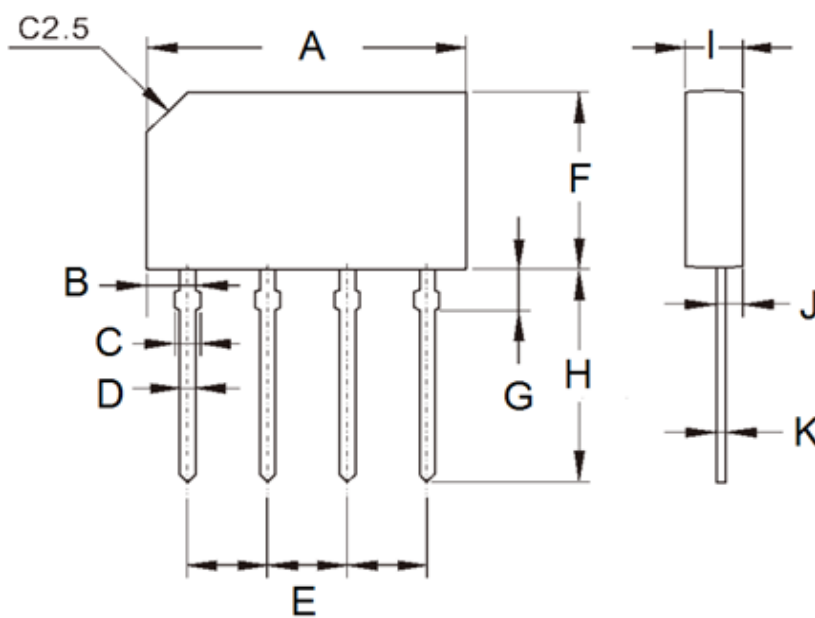


FIG. 5 TYPICAL JUNCTION CAPACITANCE



## PACKAGE OUTLINE DIMENSIONS

GBL



| DIM. | Unit (mm) |       | Unit (inch) |       |
|------|-----------|-------|-------------|-------|
|      | Min       | Max   | Min         | Max   |
| A    | 19.70     | 20.30 | 0.776       | 0.799 |
| B    | 2.30      | 2.70  | 0.091       | 0.106 |
| C    | 1.30      | 2.00  | 0.051       | 0.079 |
| D    | 0.90      | 1.10  | 0.035       | 0.043 |
| E    | 4.80      | 5.20  | 0.189       | 0.205 |
| F    | 10.70     | 11.30 | 0.421       | 0.445 |
| G    | 2.30      | 2.70  | 0.091       | 0.106 |
| H    | 13.00     | 14.00 | 0.512       | 0.551 |
| I    | 3.30      | 3.70  | 0.130       | 0.146 |
| J    | 0.80      | 1.20  | 0.031       | 0.047 |
| K    | 0.40      | 0.60  | 0.016       | 0.024 |

## MARKING DIAGRAM



P/N = Specific Device Code  
G = Green Compound  
YWW = Date Code  
F = Factory Code

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