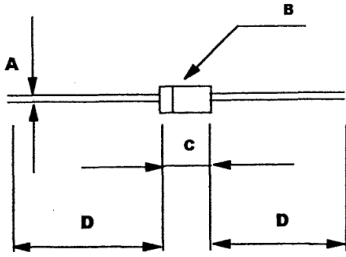


SERIES M5/B823

SILICON GENERAL PURPOSE 5.0 AMP DIODES



| DIM. | INCHES |       | MILLIMETER |      |
|------|--------|-------|------------|------|
|      | MIN.   | MAX.  | MIN.       | MAX. |
| A    | 0.048  | 0.052 | 1.02       | 1.30 |
| B    | 0.19   | 0.21  | 4.80       | 5.30 |
| C    | 0.285  | 0.375 | 7.20       | 9.50 |
| D    | 1.00   |       | 25.4       |      |

$I_o$  5 Amp @ 50 C  
 $I_s$  300 AMPS  
 $V_f$  1.0 max. v @ 5.0 amp @ 25 C  
 $I_r$  20 uA max. @ PIV @ 25 C

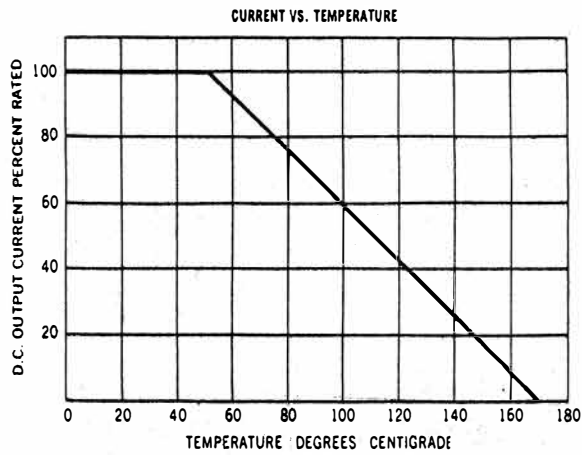
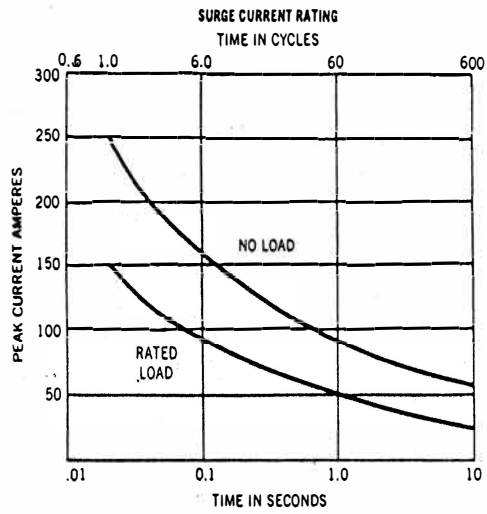
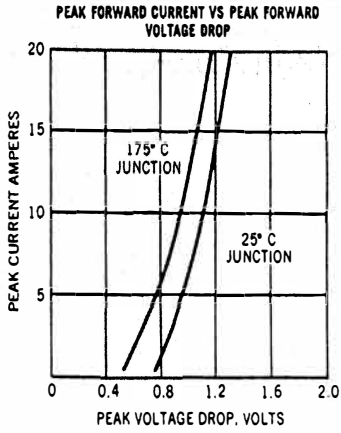
STYLE DO - 27A, DO-201AD Plastic

| PIV (VOLTS) | P/N  | P/N      |
|-------------|------|----------|
| 50          | M5A5 | B823-5   |
| 100         | M5B5 | B823-10  |
| 200         | M5C5 | B823-20  |
| 300         | M5D5 |          |
| 400         | M5E5 | B823-40  |
| 500         | M5F5 |          |
| 600         | M5G5 | B823-60  |
| 700         | M5H5 |          |
| 800         | M5K5 | B823-80  |
| 1000        | M5M5 | B823-100 |
| 1200        | M5N5 |          |
| 1500        | M5P5 |          |

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