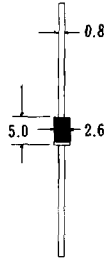
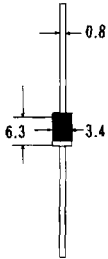
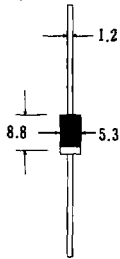




SUPER FAST RECTIFIERS

| I _O (A) | 1.0 | 2.0 | 3.0 | 5.0 | 1.0 | 8.0 |
|-----------------------------|---|---|---|-------|---|---|
| PACKAGE | DO-41 | DO-15 | DO-201AD | | DB-1 | TO-220A |
| OUTLINE (mm/Typ.) |  |  |  | |  |  |
| V _{RRM} (Volts) | 5.0 | 6.3 | 8.8 | | 5.1 | |
| 50 | SF11 | SF21 | SF31 | SF51 | EDB101 | SF81 |
| 100 | SF12 | SF22 | SF32 | SF52 | EDB102 | SF82 |
| 150 | SF13 | SF23 | SF33 | SF53 | EDB103 | SF83 |
| 200 | SF14 | SF24 | SF34 | SF54 | EDB104 | SF84 |
| 300 | *SF15 | *SF25 | *SF35 | *SF55 | | *SF85 |
| 400 | *SF16 | *SF26 | *SF36 | *SF56 | | *SF86 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | | | |
|-----------------------------------|------------|------------|------------|------------|-----|-----------|
| V _F (Volts) | 0.95/*1.25 | 0.95/*1.25 | 0.95/*1.25 | 0.95/*1.25 | 1.0 | 1.0/*1.35 |
| I _R (μ A) | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 10 |
| T _A ($^{\circ}$ C) | 55 | 55 | 55 | 55 | 55 | ▲100 |
| I _{FSM} (A) | 30 | 75 | 125 | 150 | 30 | 125 |
| T _{RR} (nS) | 35 | 35 | 35 | 35 | 50 | 35/*50 |

NOTES : 1. T_{rr} test condition : I_f=0.5A, I_r=-1.0A, I_{rr}=-0.25A

2. Operating and storage temperature -65 $^{\circ}$ C to +150 $^{\circ}$ C

3. T_A @ rated forward current; "▲" : T_c

4. V_f testing condition @ I_f=I_o, unless otherwise specified