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| SANYO | No.710D | DS-135 |
| | | Diffused Junction Type Silicon Diode 1.0A Power Rectifier |

Features

- Plastic molded type
- Peak reverse voltage $V_{RM} = -100$ to $-400V$
- Average rectified current $I_O = 1.0A$

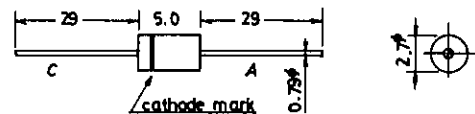
Absolute Maximum Ratings at $T_a = 25^\circ C$

| | | | DS135E | DS135D | DS135C | unit |
|---------------------------|-----------|-------------------------|--------|--------|-------------|------------|
| Peak Reverse Voltage | V_{RM} | | -100 | -200 | -400 | V |
| Average Rectified Current | I_O | $T_a = 60^\circ C$ | → | → | 1.0 | A |
| Surge Forward Current | I_{FSM} | 50Hz sine wave, 1 cycle | → | → | 50 | A |
| Junction Temperature | T_j | | → | → | 150 | $^\circ C$ |
| Storage Temperature | T_{stg} | | → | → | -40 to +150 | $^\circ C$ |

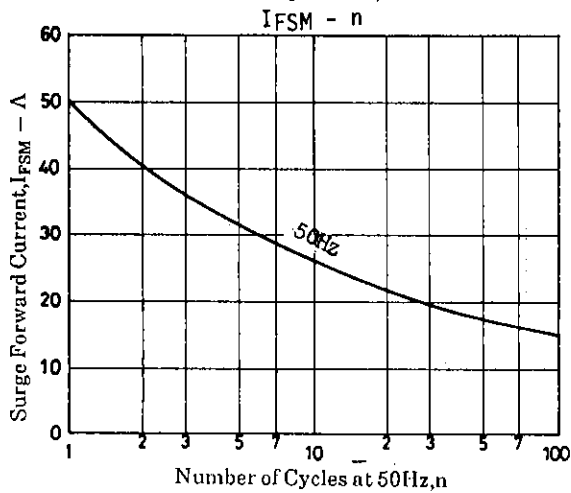
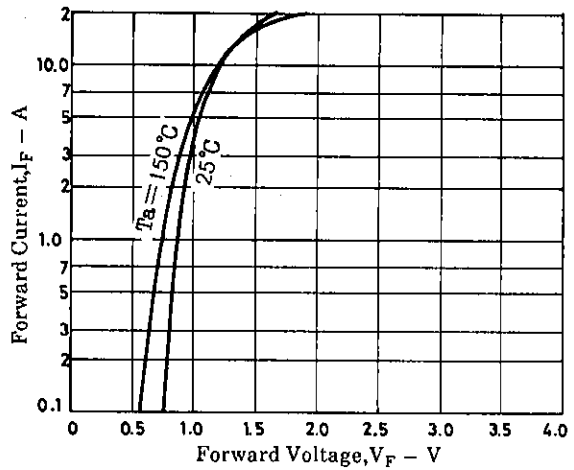
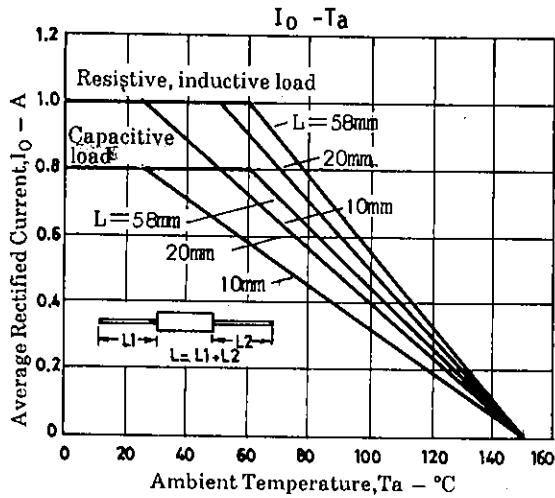
Electrical Characteristics at $T_a = 25^\circ C$

| | | | min | typ | max | unit |
|-----------------|-------|--------------------------|-----|-----|-----|---------|
| Forward Voltage | V_F | $I_F = 1.0A$ | | | 1.0 | V |
| Reverse Current | I_R | V_R : At each V_{RM} | | | -10 | μA |

Package Dimensions 1005
(unit: mm)



C: Cathode
A: Anode



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