



SD101AWS~SD101CWS

ELECTRICAL CHARACTERISTICS (T_J=25°C, unless otherwise noted)

| PARAMETER | Symbol | Test Condition | MIN. | TYP. | MAX. | Units | |
|---------------------------|-------------------|---|----------|------|------|-------|----|
| Reverse Breakdown Voltage | V _(BR) | SD101AWS | 60 | - | - | V | |
| | | SD101BWS | 50 | - | - | | |
| | | SD101CWS | 40 | - | - | | |
| Reverse Leakage Current | I _R | V _R =50V | - | - | 0.2 | μA | |
| | | V _R =40V | - | - | 0.2 | | |
| | | V _R =30V | - | - | 0.2 | | |
| Forward Voltage | V _F | I _F =1mA | SD101AWS | - | - | 0.41 | V |
| | | | SD101BWS | - | - | 0.40 | |
| | | | SD101CWS | - | - | 0.39 | |
| | | I _F =15mA | SD101AWS | - | - | 1.00 | V |
| SD101BWS | - | | - | 0.95 | | | |
| Total Capacitance | C _J | V _R =0V, f=1.0MHz | SD101AWS | - | - | 2.0 | pF |
| | | | SD101BWS | - | - | 2.1 | |
| | | | SD101CWS | - | - | 2.2 | |
| Reverse Recovery Time | t _{rr} | I _F =I _R =5mA, I _{rr} =0.1I _R | - | - | 1.0 | ns | |

ELECTRICAL CHARACTERISTICS CURVES

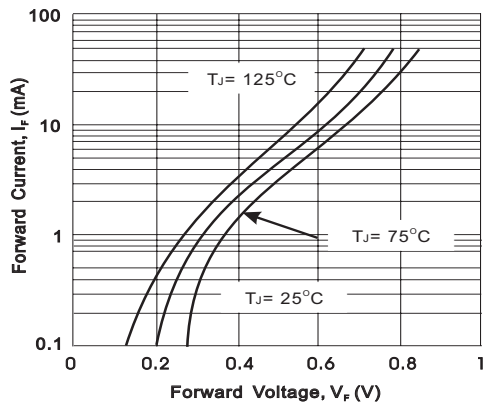


Fig.1- TYPICAL FORWARD VOLTAGE

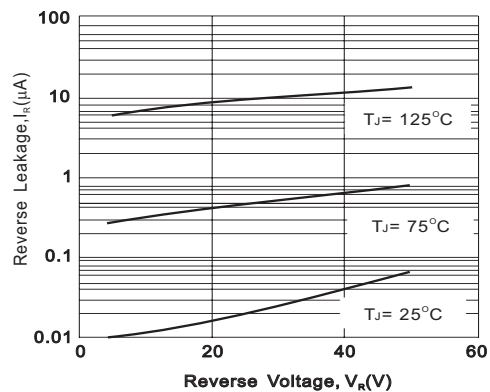


Fig.2- TYPICAL REVERSE CURRENT

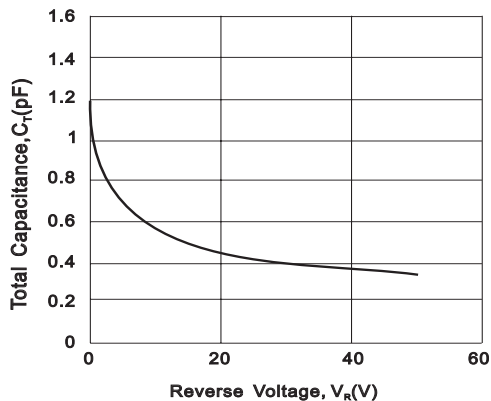
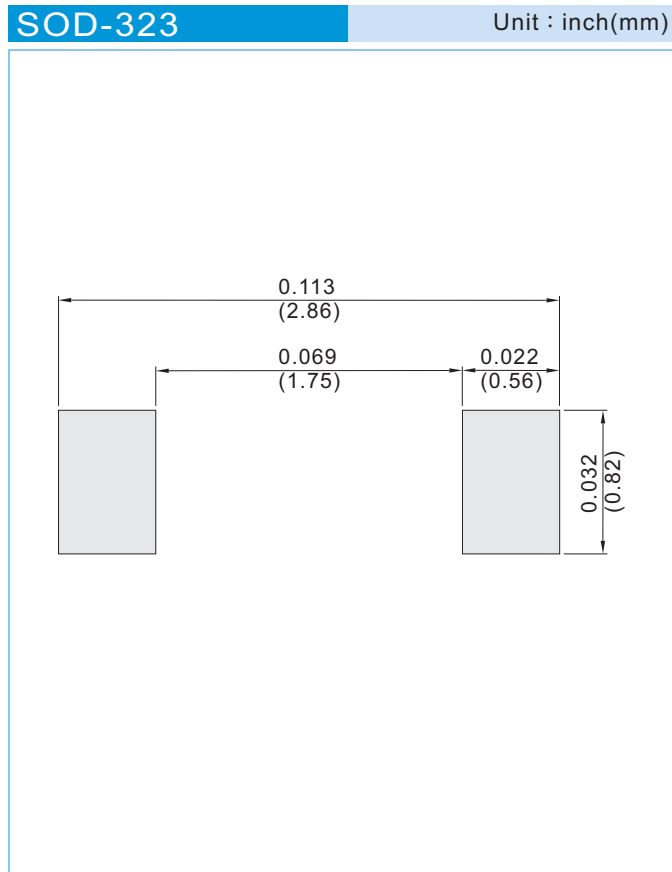


Fig.3- TYPICAL TOTAL CAPACITANCE



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MOUNTING PAD LAYOUT



ORDER INFORMATION

- Packing information
 - T/R - 12K per 13" plastic Reel
 - T/R - 5K per 7" plastic Reel

LEGAL STATEMENT

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