



Micro Commercial Components



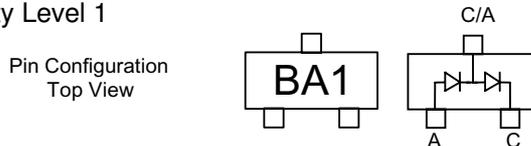
Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
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DAN217

200mW 80Volt
Plastic-Encapsulate
Diode

Features

- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
Low Current Leakage and Low Cost
Small Outline Surface Mount Package
Halogen free available upon request by adding suffix "-HF"
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1



Maximum Ratings

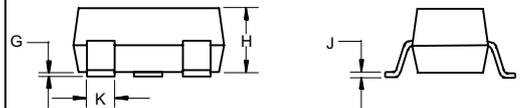
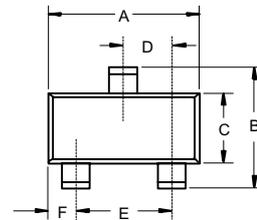
- Operating Temperature: -40°C to +150°C
Storage Temperature: -55°C to +150°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Limits, Unit. Rows include Peak reverse voltage, DC reverse voltage, Maximum forward current, Average forward current, Surge current, Power dissipation, and Junction temperature.

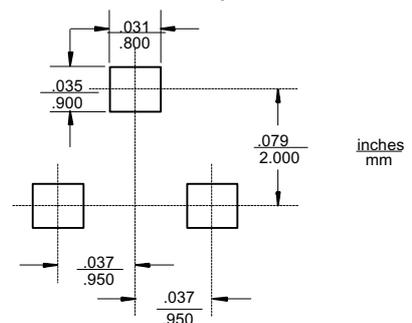
Table with 6 columns: Parameter, Symbol, Test conditions, MIN, MAX, UNIT. Rows include Reverse breakdown voltage, Reverse voltage leakage current, and Forward voltage.

SOT-23



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through K.

Suggested Solder Pad Layout

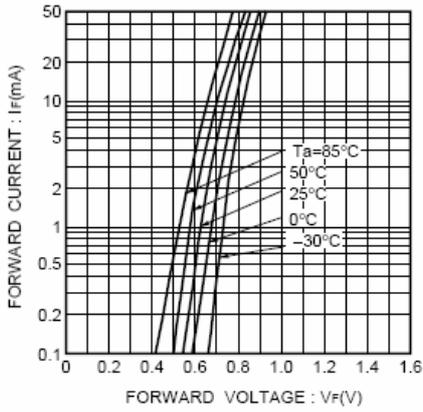


# DAN217

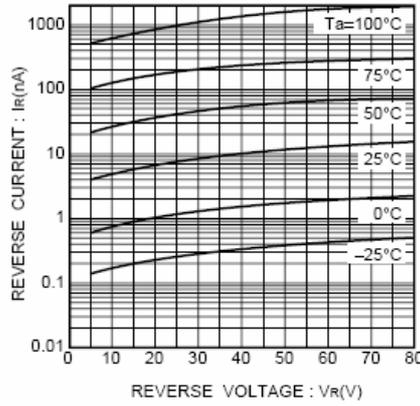
## Typical Characteristics



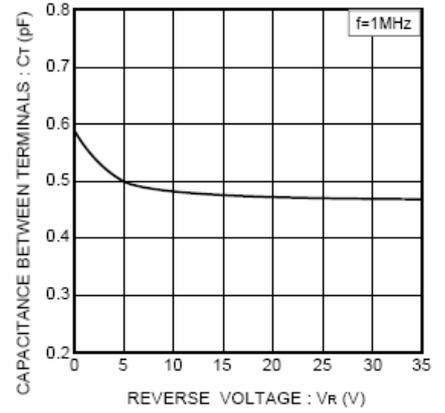
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Forward characteristics



Reverse characteristics



Capacitance between terminals characteristics



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### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

#### \*\*\*IMPORTANT NOTICE\*\*\*

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MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

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