



Micro Commercial Components



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SK22-L
THRU
SK220-L

Features

- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Low Forward Voltage
Halogen free available upon request by adding suffix "-HF"
High Current Capability
Extremely Low Thermal Resistance

Maximum Ratings

- Operating Temperature: SK22-L~SK26-L: -55°C to +125°C
SK28-L~SK220-L: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Maximum Thermal Resistance: RthjL-15 °C/W; Rthja-71 °C/W

Table with 5 columns: MCC Catalog Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include SK22-L through SK220-L.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, Conditions. Rows include Average Forward Current, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, and Typical Junction Capacitance.

2 Amp Schottky Rectifier
20 to 200 Volts

DO-214AA
(SMB) (LEAD FRAME)

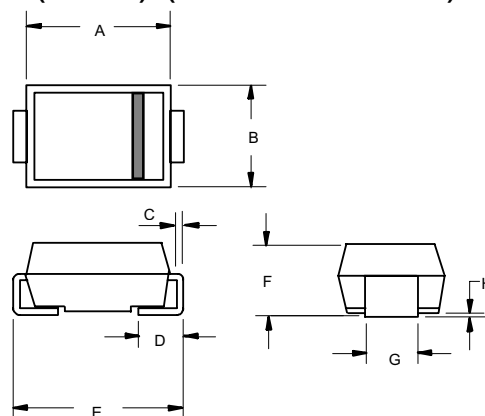
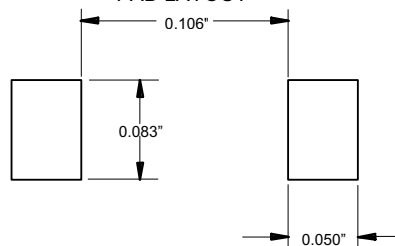


Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Lists dimensions A through H.

SUGGESTED SOLDER PAD LAYOUT



\*Pulse test: Pulse width 300 µsec, Duty cycle 2%
Note: 1. High Temperature Solder Exemptions Applied, see EU Directive Annex 7.

# SK22-L thru SK210-L

## Rating and Characteristic Curves

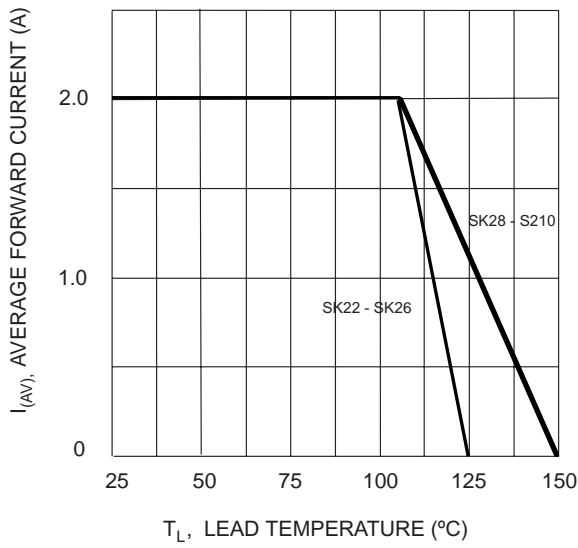


Fig. 1 Forward Current Derating Curve

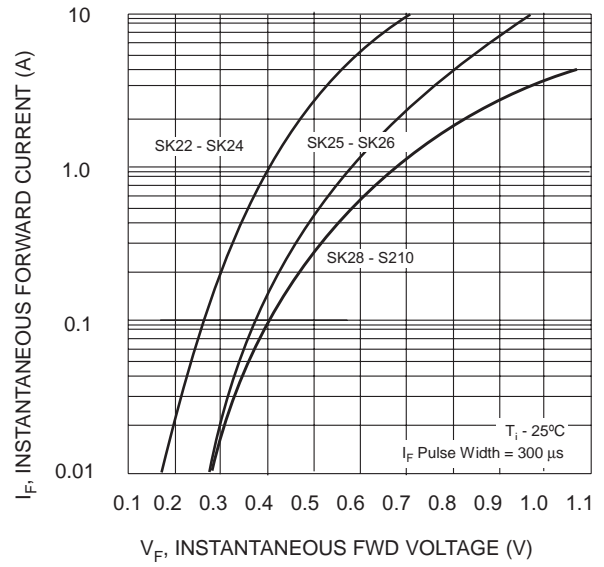


Fig. 2 Typ. Forward Characteristics

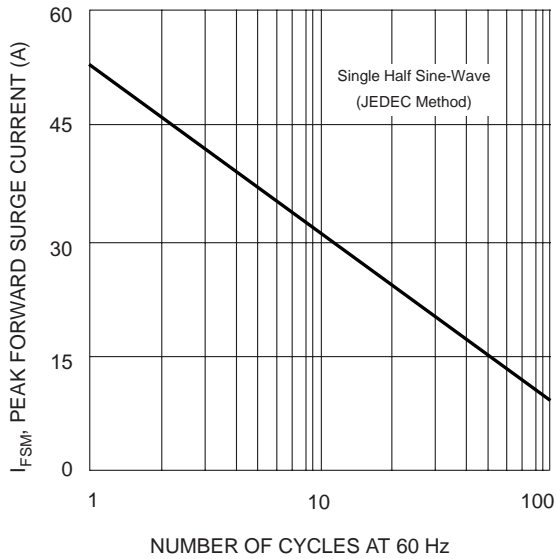


Fig. 3 Max Non-Repetitive Peak Fwd Surge Current

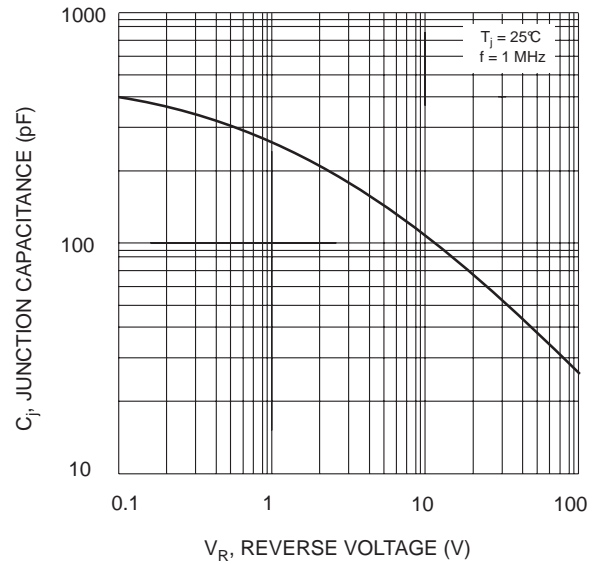


Fig. 4 Typical Junction Capacitance

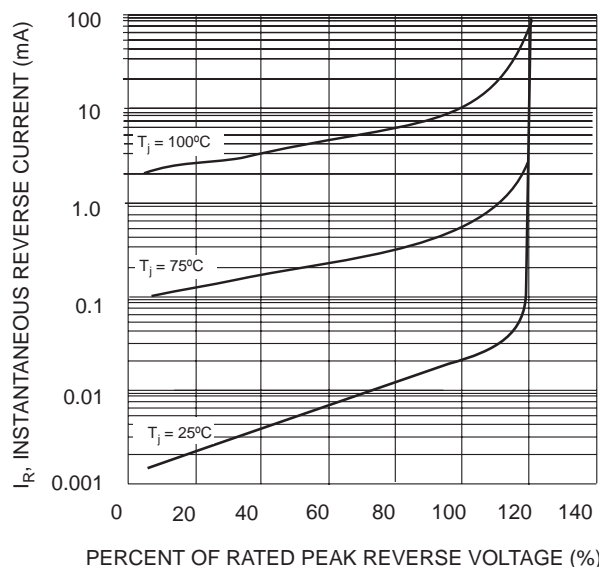


Fig. 5 Typical Reverse Characteristics

# SK2150-L thru SK220-L Rating and Characteristic Curves

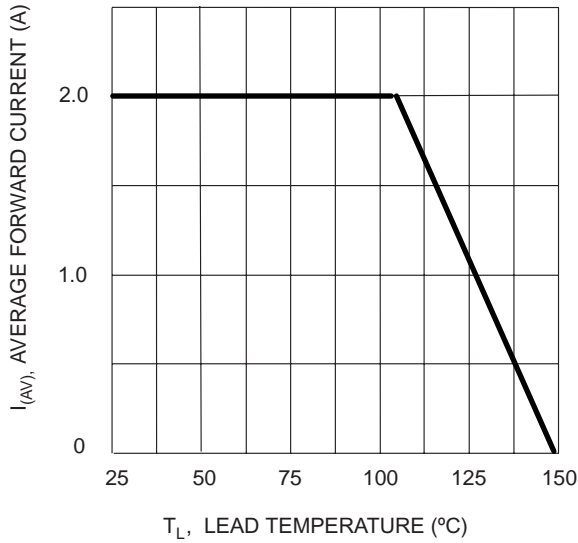


Fig. 6 Forward Current Derating Curve

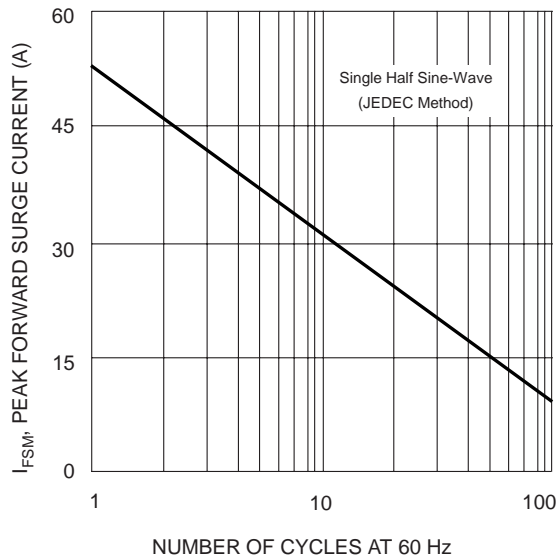


Fig. 8 Max Non-Repetitive Peak Fwd Surge Current

FIG.7-TYPICAL FORWARD CHARACTERISTICS

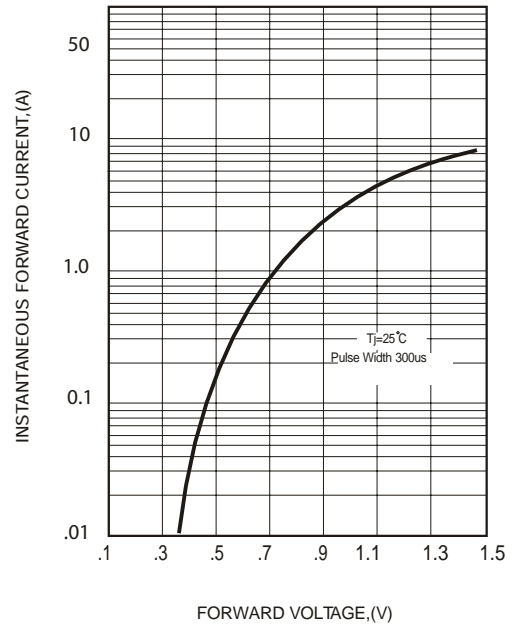


FIG.9 - TYPICAL REVERSE CHARACTERISTICS

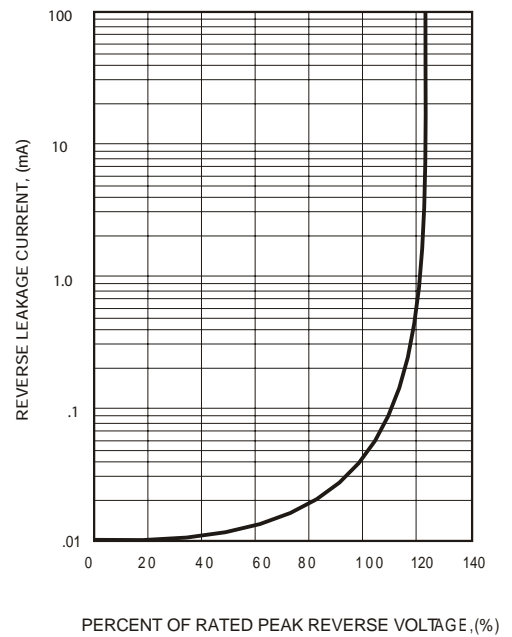
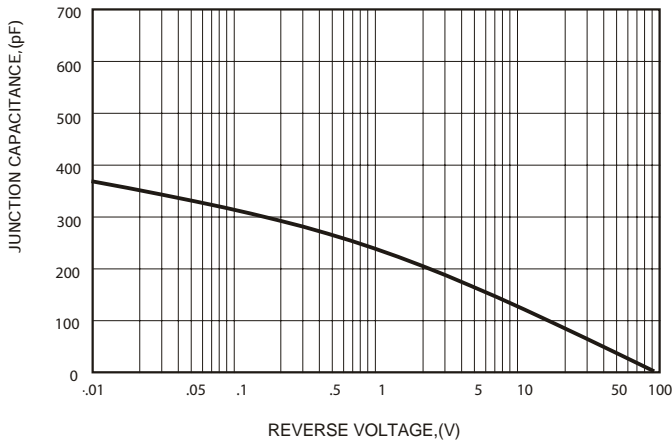


FIG.10-TYPICAL JUNCTION CAPACITANCE





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### Ordering Information :

Device	Packing
SK22-LTP~SK220-LTP	Tape&Reel: 3Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. SK22-LTP-HF~SK220-LTP-HF

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