查询SS1040供应商

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SS1040 3 Pro-HS Pro-

Dim

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J

SOD-123

Max

3.9

2.8

1.8

0.7

0.2

1.35

0.12

Min

3.6

2.5

1.4

0.5

0.4

0.95

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All Dimensions in mm

SURFACE MOUNT SCHOTTKY BARRIER DIODE

Features

- Low Turn-on Voltage
- Fast Switching
- PN Junction Guard Ring for Transient and ESD Protection
- Designed for Surface Mount Application
- Plastic Material UL Recognition Flammability Classification 94V-O

Mechanical Data

- Case: SOD-123, Molded Plastic
- Terminals: Plated Leads Solderable per MIL-STD-202, Method 208
- Polarity: Cathode Band
- Weight: 0.01 grams (approx.)
- Marking: G5
- Lead Free: For RoHS / Lead Free Version, Add "-LF" Suffix to Part Number, See Page 4

Maximum Ratings @T_A=25°C unless otherwise specified

Characteristic	Symbol	SS1040	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	Vrrm Vrwm Vr	40 40 0250	V
Forward Continuous Current (Note 1)	IF VO	1.0	А
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	IFSM	25	A
Power Dissipation (Note 1)	Pd	450	mW
Typical Thermal Resistance, Junction to Ambient Air (Note 1)	R $ heta$ JA	222	°C/W
Operating and Storage Temperature Range	Тј, Тѕтс	-65 to +125	°C

С

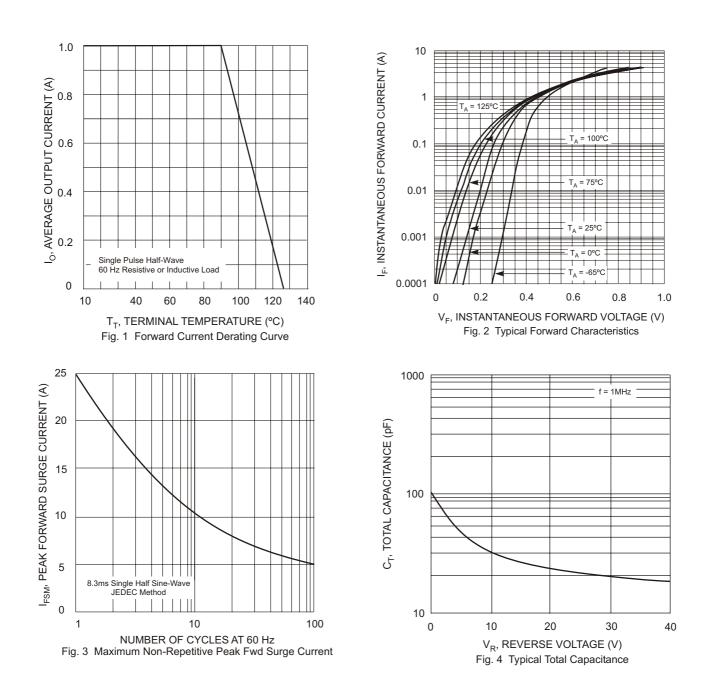
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Electrical Characteristics @T_A=25°C unless otherwise specified

Characteristic	Symbol	SS1040	Unit
Forward Voltage Drop @IF = 1.0A	Vfm	0.55	V
Peak Reverse Leakage Current @ DC Blocking Voltage	IRM	500	μA
Typical Junction Capacitance (VR = 4V DC, f = 1MHz)	Cj	50	pF

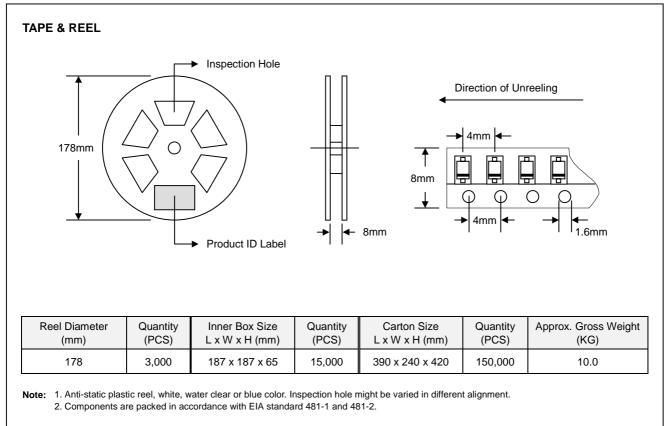
Note: 1. Valid provided that terminals are kept at ambient temperature.





MARKING INFORMATIONRECOMMENDED FOOTPRINTImage: constraint of the second decode decod

PACKAGING INFORMATION



ORDERING INFORMATION

Product No.	Package Type	Shipping Quantity
SS1040-T1	SOD-123	3000/Tape & Reel

1. Shipping quantity given is for minimum packing quantity only. For minimum To order quantity, please consult the Sales Department. To order RoHS / Lead Free version (with Lead Free finish), add "-LF" suffix

2. to part number above. For example, SS1040-T1-LF

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WARNING: DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

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