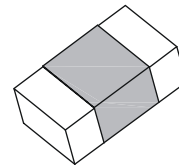


200mA Low Profile Chip Schottky Rectifier

Features

- Low profile with SMD package
- Low power loss , High efficiency
- High current capability, Low voltage drop
- Plastic package has Underwriters Laboratory Flammability Classification 94V-0
- RoHS compliant



C0402
(SOD-723)



Mechanical Data

Case:	0402 SMD package, Molded plastic body
Terminals:	Pure Tin plated, solderable per MIL-STD-750, Method 2026
Polarity	Laser cathode band marking
Weight:	0.0015 gram

Maximum Ratings *(T_{Ambient}=25°C unless noted otherwise)*

Symbol	Description	TSCD022WUR	TSCD024WUR	Unit	Conditions
VRRM	Maximum Repetitive Peak Reverse Voltage	20	40	V	
VRWM	Maximum Working Peak Reverse Voltage	20	40	V	
IF(AV)	Forward Rectified Current	200		mA	
IFSM	Non-repetitive Peak Forward Surge Current	0.5		A	8.3ms single half sine-wave
TJ	Operating Junction temperature range	-40 to +125		°C	
TSTG	Storage Temperature Range	-40 to +125		°C	

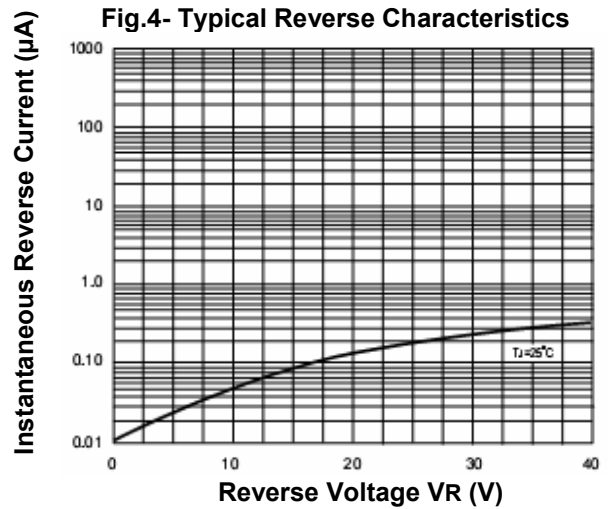
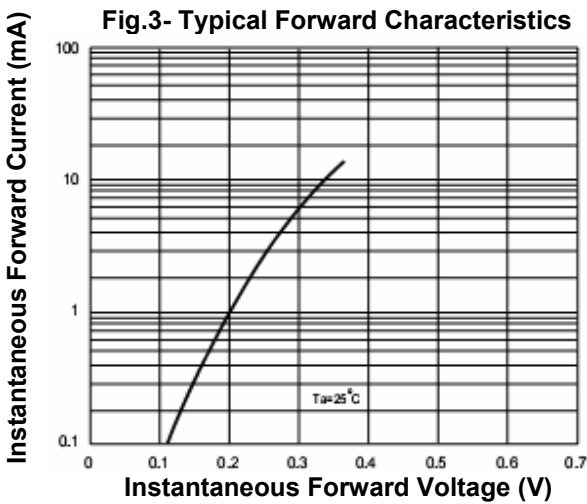
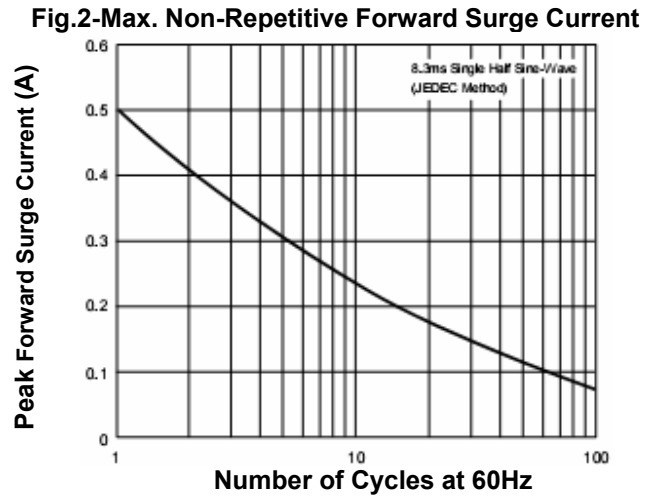
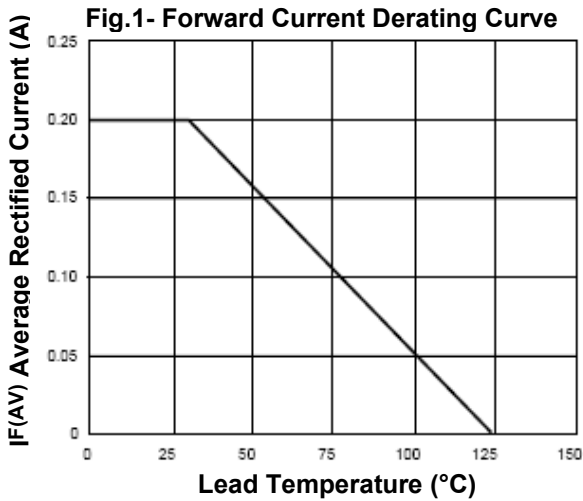
Electrical Characteristics *(T_{Ambient}=25°C unless noted otherwise)*

Symbol	Description	TSCD022WUR	TSCD024WUR	Unit	Conditions
VF	Maximum Instantaneous Forward Voltage Drop	0.35		V	IF= 10 mA
IR	Maximum DC Reverse Current at Rated DC Blocking Voltage	0.5	0.5*	µA	* VR=30V

200mA Low Profile Chip Schottky Rectifier

TSCD022WUR/TSCD024WUR

Typical Characteristics Curves

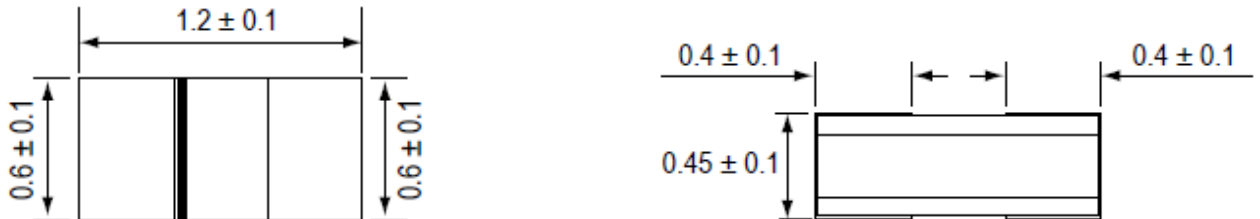


200mA Low Profile Chip Schottky Rectifier

TSCD022WUR/TSCD024WUR

Dimensions in mm

C0402
(SOD-723)



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