

### RB751S40,115 Information



For Reference Only

**Part Number** RB751S40,115 **Manufacturer** Nexperia USA Inc.

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 40V 120MA SOD523

Package SC-79, SOD-523

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **RB751S40,115 Specifications**

Manufacturer Part Number  Manufacturer  Nexperia USA Inc.  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Sc-79, SOD-523  Series  Diode Type  Schottky  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  Discrete Semiconductor Products  Nexperia USA Inc.  Discrete Semiconductor Products  Nexperia USA Inc.  Discrete Semiconductor Products  Anc.  Discrete Semiconductor  Anc.  Discrete Semiconductor  Anc.  Discrete Semiconductor  Anc.  Discrete Semiconductor  Discrete Semiconductor  Anc.  Discrete Semiconductor  Discrete Semiconductor  Anc.  Discrete Semiconduct		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  SC-79, SOD-523  Series  - Diode Type  Schottky  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  SUPPlier Device Package  SC-79, SOD-523  Supplier Device Package	Manufacturer Part Number	RB751S40,115
Diodes - Rectifiers - Single  SC-79, SOD-523  Series  - Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 120mA (DC)  Voltage - Forward (Vf) (Max) @ If Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Dound (Vr) (Max) @ Ir Surface Mount Package / Case Supplier Device Package SC-79, SOD-523  Supplier Device Package	Manufacturer	Nexperia USA Inc.
Package SC-79, SOD-523  Series - Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) 40V  Current - Average Rectified (Io) 120mA (DC)  Voltage - Forward (Vf) (Max) @ If 370mV @ 1mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 500nA @ 30V  Capacitance @ Vr, F 2pF @ 1V, 1MHz  Mounting Type Surface Mount  Package / Case SC-79, SOD-523  Supplier Device Package SCD-523	Category	Discrete Semiconductor Products
Series - Diode Type Schottky  Voltage - DC Reverse (Vr) (Max) 40V  Current - Average Rectified (Io) 120mA (DC)  Voltage - Forward (Vf) (Max) @ If 370mV @ 1mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 500nA @ 30V  Capacitance @ Vr, F 2pF @ 1V, 1MHz  Mounting Type Surface Mount  Package / Case SC-79, SOD-523  Supplier Device Package SOD-523		Diodes - Rectifiers - Single
Diode Type  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Schottky  40V  Schottky  40V  120mA (DC)  370mV @ 1mA  570mV @ 1mA	Package	SC-79, SOD-523
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Vr)  40V  40V  40V  40V  40V  50mA (DC)  370mV @ 1mA  570mA (Io), Any Speed  -  500nA @ 30V  2pF @ 1V, 1MHz  Surface Mount  Package / Case  SC-79, SOD-523  Supplier Device Package	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  STORY (Io)  Small Signal =< 200mA (Io), Any Speed  - Small Signal =< 200mA (Io), Any Speed  Small Signal =< 200mA (Io), Any Speed  - Surface Mount  Surface Mount  Surface Mount  Surface Mount  Surface Mount  SC-79, SOD-523	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type Surface Mount  Package / Case SC-79, SOD-523  Supplier Device Package SOD-523	Voltage - DC Reverse (Vr) (Max)	40V
Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 500nA @ 30V  Capacitance @ Vr, F 2pF @ 1V, 1MHz  Mounting Type Surface Mount  Package / Case SC-79, SOD-523  Supplier Device Package SOD-523	Current - Average Rectified (Io)	120mA (DC)
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  SoonA @ 30V  Capacitance @ Vr, F  2pF @ 1V, 1MHz  Mounting Type  Surface Mount  Package / Case  SC-79, SOD-523  Supplier Device Package	Voltage - Forward (Vf) (Max) @ If	370mV @ 1mA
Current - Reverse Leakage @ Vr 500nA @ 30V Capacitance @ Vr, F 2pF @ 1V, 1MHz Mounting Type Surface Mount Package / Case SC-79, SOD-523 Supplier Device Package SOD-523	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F 2pF @ 1V, 1MHz  Mounting Type Surface Mount  Package / Case SC-79, SOD-523  Supplier Device Package SOD-523	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case SC-79, SOD-523 Supplier Device Package SOD-523	Current - Reverse Leakage @ Vr	500nA @ 30V
Package / Case SC-79, SOD-523 Supplier Device Package SOD-523	Capacitance @ Vr, F	2pF @ 1V, 1MHz
Supplier Device Package SOD-523	Mounting Type	Surface Mount
	Package / Case	SC-79, SOD-523
Operating Temperature - Junction 150°C (Max)	Supplier Device Package	SOD-523
	Operating Temperature - Junction	150°C (Max)
Report errors?		Report errors?

### RB751S40,115 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### RB751S40,115 Payment Methods





















## RB751S40,115 Shipping Methods













If you have any question about RB751S40,115, please do not hesitate to contact us!

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