



DGS15-018CS Information



For Reference Only

Part Number DGS15-018CS

Manufacturer IXYS

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 180V 24A TO252AA **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









DGS15-018CS Specifications

Manufacturer Part Number Manufacturer LXYS Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) LSV @ 7.5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) Capacitance @ Vr, F Mounting Type Surface Mount Package / Case Supplier Device Package Operating Temperature - Junction Dioses - Rectifiers - Single TO-252-3, DPak (2 Leads + Tab), SC-63 Report errors?		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 180V Current - Average Rectified (Io) 24A Voltage - Forward (Vf) (Max) @ If 1.5V @ 7.5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr 250μA @ 180V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252-A Operating Temperature - Junction -55°C ~ 175°C	Manufacturer Part Number	DGS15-018CS
Diodes - Rectifiers - Single TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package Operating Temperature - Junction Diodes - Rectifiers - Single TO-252-A, DPak (2 Leads + Tab), SC-63 TO-252AA Operating Temperature - Junction	Manufacturer	IXYS
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.5V @ 7.5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr 250μA @ 180V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package Operating Temperature - Junction TO-252AA Operating Temperature - Junction	Category	Discrete Semiconductor Products
Series Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package Operating Temperature - Junction -55°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)180VCurrent - Average Rectified (Io)24AVoltage - Forward (Vf) (Max) @ If1.5V @ 7.5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)23nsCurrent - Reverse Leakage @ Vr250μA @ 180VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252AAOperating Temperature - Junction-55°C ~ 175°C	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.5V @ 7.5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package Operating Temperature - Junction 180V 24A 1.5V @ 7.5A Fast Recovery =< 500ns, > 200mA (Io) 23ns Current - Reverse Leakage @ Vr 250µA @ 180V - To-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252-3, DPak (2 Leads + Tab), SC-63	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.5V @ 7.5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr 250µA @ 180V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package Operating Temperature - Junction 24A 1.5V @ 7.5A Fast Recovery =< 500ns, > 200mA (Io) 23ns Current - Reverse Leakage @ Vr 250µA @ 180V - To-252µA - To-252AA - 55°C ~ 175°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If 1.5V @ 7.5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 23ns Current - Reverse Leakage @ Vr 250μA @ 180V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA Operating Temperature - Junction -55°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	180V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)23nsCurrent - Reverse Leakage @ Vr250μA @ 180VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252AAOperating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	24A
Reverse Recovery Time (trr)23nsCurrent - Reverse Leakage @ Vr250μA @ 180VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252AAOperating Temperature - Junction-55°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.5V @ 7.5A
Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA Operating Temperature - Junction 250µA @ 180V - TO-252-3, DPak (2 Leads + Tab), SC-63 TO-252-3, DPak (2 Leads + Tab), SC-63	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA Operating Temperature - Junction -55°C ~ 175°C	Reverse Recovery Time (trr)	23ns
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA Operating Temperature - Junction -55°C ~ 175°C	Current - Reverse Leakage @ Vr	250μA @ 180V
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA Operating Temperature - Junction -55°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device Package $TO-252AA$ Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Supplier Device Package	TO-252AA
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

DGS15-018CS 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.

DGS15-018CS Payment Methods



















DGS15-018CS Shipping Methods













If you have any question about DGS15-018CS, please do not hesitate to contact us!

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