

# ISL9R1560P2\_F085

## ISL9R1560P2\_F085 Information

wv	www.inelsep.c.com	ISL9R1560P2_F085 Fairchild/ON Semiconductor Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE STEALTH 600V 15A TO22AC TO-220-2 For the pricing/inventory/lead time, please contact us	
	For Reference Only	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.



## ISL9R1560P2\_F085 Specifications

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2SeriesAutomotive, AEC-Q101, Stealth?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)15AVoltage - Forward (Vf) (Max) @ If2.2V @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageTO-220-2SeriesAutomotive, AEC-Q101, Stealth?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)15AVoltage - Forward (Vf) (Max) @ If2.2V @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCurrent - Reverse Leakage @ VrThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction $55°C \sim 175°C$	Manufacturer Part Number	ISL9R1560P2_F085
Diodes - Rectifiers - SinglePackageTO-220-2SeriesAutomotive, AEC-Q101, Stealth?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Jo)15AVoltage - Forward (Vf) (Max) @ If2.2V @ 15ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Manufacturer	Fairchild/ON Semiconductor
PackageTO-220-2SeriesAutomotive, AEC-Q101, Stealth?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)15AVoltage - Forward (Vf) (Max) @ If2.2V @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101, Stealth?   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 600V   Current - Average Rectified (Io) 15A   Voltage - Forward (Vf) (Max) @ If 2.2V @ 15A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 30ns   Current - Reverse Leakage @ Vr 100μA @ 600V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case TO-220-2   Supplier Device Package TO-220-2L   Operating Temperature - Junction 55°C ~ 175°C		Diodes - Rectifiers - Single
Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 600V   Current - Average Rectified (Io) 15A   Voltage - Forward (Vf) (Max) @ If 2.2V @ 15A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 30ns   Current - Reverse Leakage @ Vr 100µA @ 600V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case TO-220-21   Supplier Device Package TO-220-21   Operating Temperature - Junction -55°C ~ 175°C	Package	TO-220-2
NoteNoteVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)15AVoltage - Forward (Vf) (Max) @ If2.2V @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Series	Automotive, AEC-Q101, Stealth?
Current - Average Rectified (Io)15AVoltage - Forward (Vf) (Max) @ If2.2V @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2LSupplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $2.2V @ 15A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $30ns$ Current - Reverse Leakage @ Vr $100\muA @ 600V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction $-55^\circ$ C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	600V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	15A
Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr100µA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	2.2V @ 15A
Current - Reverse Leakage @ Vr100μA @ 600VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Reverse Recovery Time (trr)	30ns
Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	100µA @ 600V
Package / CaseTO-220-2Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageTO-220-2LOperating Temperature - Junction-55°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	TO-220-2
	Supplier Device Package	TO-220-2L
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

#### ISL9R1560P2\_F085 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.

#### ISL9R1560P2\_F085 Payment Methods



### ISL9R1560P2\_F085 Shipping Methods



If you have any question about ISL9R1560P2\_F085, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com