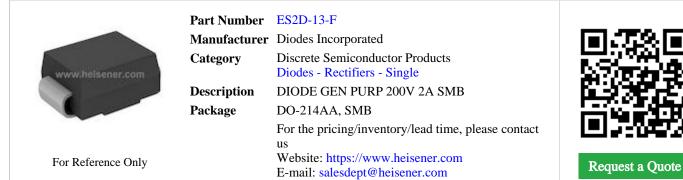


ES2D-13-F

ES2D-13-F Information



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.



ES2D-13-F Specifications

Manufacturer Part NumberES2D-13-FManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsDades - Rectifiers - SingleDiodes - Rectifiers - SinglePackageDo-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery = S00ms, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, FSurface MountPackage / CaseDo-214AA, SMBSupplier Device PackageSMBOperating Temperature JunctionSMB		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)25msCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction55°C ~ 150°C	Manufacturer Part Number	ES2D-13-F
Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)25nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Manufacturer	Diodes Incorporated
PackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery = <500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction55°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery $= 500ms$, $> 200mA$ (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction $55^{\circ}C ~ 150^{\circ}C$		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max) $200V$ Current - Average Rectified (Jo) $2A$ Voltage - Forward (Vf) (Max) @ If $920mV @ 2A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Jo)Reverse Recovery Time (trr) $25ns$ Current - Reverse Leakage @ Vr $5\muA @ 200V$ Capacitance @ Vr, F $5uface Mount$ Mounting TypeSurface MountPackage / Case $Do-214AA$, SMBSupplier Device PackageSMBOperating Temperature - Junction $55°C ~ 150°C$	Package	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr $5\mu A @ 200V$ Capacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Series	-
Current - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery = $500ns$, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr $5\mu A$ @ 200VCapacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If920mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr $5\mu A @ 200V$ Capacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	200V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	2A
Reverse Recovery Time (trr)25nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	920mV @ 2A
Current - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F25pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	25ns
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	5µA @ 200V
Package / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	25pF @ 4V, 1MHz
Supplier Device PackageSMBOperating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-214AA, SMB
	Supplier Device Package	SMB
Demost on	Operating Temperature - Junction	-55°C ~ 150°C
Kepon en		Report errors?

ES2D-13-F 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.



If you have any question about ES2D-13-F, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com