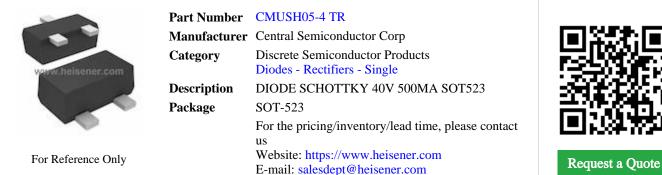


CMUSH05-4 TR

CMUSH05-4 TR 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.



CMUSH05-4 TR Specifications

ManufacturerCentral Semiconductor CorpCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSOT-523Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapcitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSOT-523Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Manufacturer Part Number	CMUSH05-4 TR
Diodes - Rectifiers - SinglePackageSOT-523Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Manufacturer	Central Semiconductor Corp
PackageSOT-523Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Package	SOT-523
Voltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseS0T-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Series	-
Current - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If470mV @ 500mASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20μA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $470mV @ 500mA$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $20\muA @ 10V$ Capacitance @ Vr, F $50pF @ 1V$, $1MHz$ Mounting TypeSurface MountPackage / Case $SOT-523$ Supplier Device Package $SOT-523$ Operating Temperature - Junction -65° C ~ 150° C	Voltage - DC Reverse (Vr) (Max)	40V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20μA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	500mA
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	470mV @ 500mA
Current - Reverse Leakage @ Vr20µA @ 10VCapacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F50pF @ 1V, 1MHzMounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Current - Reverse Leakage @ Vr	20µA @ 10V
Package / CaseSOT-523Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Capacitance @ Vr, F	50pF @ 1V, 1MHz
Supplier Device PackageSOT-523Operating Temperature - Junction-65°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	SOT-523
	Supplier Device Package	SOT-523
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

CMUSH05-4 TR 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

CMUSH05-4 TR Payment Methods





If you have any question about CMUSH05-4 TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com