

PMEG4005ESFYL

PMEG4005ESFYL Information



Part Number	PMEG4005ESFYL	
Manufacturer	Nexperia USA Inc.	
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
Description	DIODE SCHOTTKY 40V 0.5A SOD962	
Package	0201 (0603 Metric)	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



Request a Quote

For Reference Only

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.



PMEG4005ESFYL Specifications

ManufacturerNexperia USA Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackage0201 (0603 Metric)Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMouning TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackage0201 (0603 Metric)Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Manufacturer Part Number	PMEG4005ESFYL
Diodes - Rectifiers - SinglePackage0201 (0603 Metric)Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Manufacturer	Nexperia USA Inc.
Package0201 (0603 Metric)Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Category	Discrete Semiconductor Products
Series-Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Package	0201 (0603 Metric)
Voltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5µA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Series	-
Current - Average Rectified (Io)500mAVoltage - Forward (Vf) (Max) @ If880mV @ 500mASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5μA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $880mV @ 500mA$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr) $1.28ns$ Current - Reverse Leakage @ Vr $6.5\muA @ 40V$ Capacitance @ Vr, F $17pF @ 1V$, $1MHz$ Mounting TypeSurface MountPackage / Case 0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction $150^{\circ}C$ (Max)	Voltage - DC Reverse (Vr) (Max)	40V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5μA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Current - Average Rectified (Io)	500mA
Reverse Recovery Time (trr)1.28nsCurrent - Reverse Leakage @ Vr6.5μA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Voltage - Forward (Vf) (Max) @ If	880mV @ 500mA
Current - Reverse Leakage @ Vr6.5μA @ 40VCapacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F17pF @ 1V, 1MHzMounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Reverse Recovery Time (trr)	1.28ns
Mounting TypeSurface MountPackage / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Current - Reverse Leakage @ Vr	6.5µA @ 40V
Package / Case0201 (0603 Metric)Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Capacitance @ Vr, F	17pF @ 1V, 1MHz
Supplier Device PackageDSN0603-2Operating Temperature - Junction150°C (Max)	Mounting Type	Surface Mount
Operating Temperature - Junction 150°C (Max)	Package / Case	0201 (0603 Metric)
	Supplier Device Package	DSN0603-2
Report errors?	Operating Temperature - Junction	150°C (Max)
		Report errors?

PMEG4005ESFYL 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.

PMEG4005ESFYL Payment Methods





If you have any question about PMEG4005ESFYL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com