

PS9117-V-F3-A Information



For Reference Only

Part Number PS9117-V-F3-A

Manufacturer CEL
Category Isolators

Optoisolators - Logic Output

Description OPTOISO 3.75KV OPN COLLECTOR 5SO **Package** 6-SOIC (0.173", 4.40mm Width) 5 Leads

For the pricing/inventory/lead time, please contact

us

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



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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.









PS9117-V-F3-A Specifications

Manufacturer Part Number PS9117-V-F3-A Manufacturer CEL Category Isolators Package 6-SOIC (0.173", 4.40mm Width) 5 Leads Series NEPOC Number of Channels 1 Inputs - Side 1/Side 2 1/0 Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 15kV/µs Input Type DC Output Type Open Collector Current - Output / Channel 25mA Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) 75ns, 75ns Rise / Fall Time (Typ) 20ns, 5ns Voltage - Forward (Vf) (Typ) 1.65V Current - DC Forward (If) (Max) 30mA Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature 4.0°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	*	
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Inputs - Side 1/Side 2 $1/0$ Voltage - Isolation 3750 VrmsCommon Mode Transient Immunity (Min) 15 kV/μsInput TypeDCOutput TypeOpen CollectorCurrent - Output / Channel 25 mAData Rate 10 MbpsPropagation Delay tpLH / tpHL (Max) 75 ns, 75 nsRise / Fall Time (Typ) 20 ns, 5 nsVoltage - Forward (Vf) (Typ) 1.65 VCurrent - DC Forward (If) (Max) 30 mAVoltage - Supply 4.5 V ~ 5.5 VOperating Temperature 40 °C ~ 85 °CMounting TypeSurface MountPackage / Case 6 -SOIC (0.173", 4.40 mm Width) 5 LeadsSupplier Device Package 5 -SO	Series	NEPOC
Voltage - Isolation $3750 Vrms$ Common Mode Transient Immunity (Min) $15k V/\mu s$ Input TypeDCOutput TypeOpen CollectorCurrent - Output / Channel $25mA$ Data Rate $10Mbps$ Propagation Delay tpLH / tpHL (Max) $75ns, 75ns$ Rise / Fall Time (Typ) $20ns, 5ns$ Voltage - Forward (Vf) (Typ) $1.65V$ Current - DC Forward (If) (Max) $30mA$ Voltage - Supply $4.5 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case $6-SOIC (0.173", 4.40mm Width) 5 Leads$ Supplier Device Package $5-SO$	Number of Channels	1
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Input Type Output Type Open Collector Current - Output / Channel Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) 20ns, 5ns Voltage - Forward (Vf) (Typ) 1.65V Current - DC Forward (If) (Max) 30mA Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case Supplier Device Package 5-SO	Voltage - Isolation	3750Vrms
Output TypeOpen CollectorCurrent - Output / Channel25mAData Rate10MbpsPropagation Delay tpLH / tpHL (Max)75ns, 75nsRise / Fall Time (Typ)20ns, 5nsVoltage - Forward (Vf) (Typ)1.65VCurrent - DC Forward (If) (Max)30mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SO	Common Mode Transient Immunity (Min)	15kV/μs
Current - Output / Channel Data Rate 10Mbps Propagation Delay tpLH / tpHL (Max) Rise / Fall Time (Typ) 20ns, 5ns Voltage - Forward (Vf) (Typ) 1.65V Current - DC Forward (If) (Max) Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case Supplier Device Package 5-SO	Input Type	DC
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Rise / Fall Time (Typ) 20ns, 5ns Voltage - Forward (Vf) (Typ) 1.65V Current - DC Forward (If) (Max) Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	Data Rate	10Mbps
Voltage - Forward (Vf) (Typ) 1.65V Current - DC Forward (If) (Max) Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	Propagation Delay tpLH / tpHL (Max)	75ns, 75ns
Current - DC Forward (If) (Max) Voltage - Supply 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	Rise / Fall Time (Typ)	20ns, 5ns
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $6\text{-SOIC } (0.173^{\circ}\text{, } 4.40 \text{mm Width}) \text{ 5 Leads}$ Supplier Device Package 5-SO	Voltage - Forward (Vf) (Typ)	1.65V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	Current - DC Forward (If) (Max)	30mA
Mounting Type Surface Mount Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	Voltage - Supply	4.5 V ~ 5.5 V
Package / Case 6-SOIC (0.173", 4.40mm Width) 5 Leads Supplier Device Package 5-SO	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 5-SO	Mounting Type	Surface Mount
	Package / Case	6-SOIC (0.173", 4.40mm Width) 5 Leads
Report errors?	Supplier Device Package	5-SO
		Report errors?

PS9117-V-F3-A 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.

PS9117-V-F3-A Payment Methods



















PS9117-V-F3-A Shipping Methods













If you have any question about PS9117-V-F3-A, please do not hesitate to contact us!

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