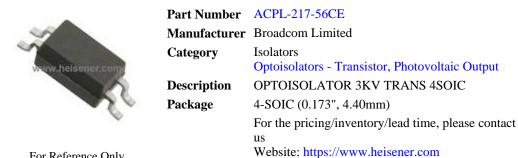


# **ACPL-217-56CE**

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### **ACPL-217-56CE Information**



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.



# **ACPL-217-56CE Specifications**

Manufacturer Part NumberACPL-217-56CEManufacturerBroadcom LimitedCategoryIsolatorsCategoryOptoisolators - Transistor, Photovoltaic OutputPackage4-SOIC (0.173", 4.40mm)Series-Number of Channels1Voltage - Isolation3000VrmsCurrent Transfer Ratio (Mar)200% @ 5mACurrent Transfer Ratio (Mar)3µs, 3µsRise / Fall Time (Typ)3µs, 3µsNutp TypeDCOutput TypeTransistorVoltage - Output (Max)80VVoltage - Forward (Vf) (Typ)1.2VCurrent - Output / Channel1.2VVoltage - Forward (Uf) (Max)60mA	•	
CategoryIsolatorsCategoryOptoisolators - Transistor, Photovoltaic OutputPackage4-SOIC (0.173", 4.40mm)Package-Number of Channels1Voltage - Isolation300VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsOutput TypeDCOutput TypeSomAVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mA	Manufacturer Part Number	ACPL-217-56CE
NumberOptoisolators - Transistor, Photovoltaic OutputPackage4-SOIC (0.173", 4.40mm)Series-Number of Channels1Voltage - Isolation3000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsOutput TypeDCOutput Type50mAVoltage - Output (Max)80VVoltage - Output (Max)50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If (Max)50mAVec Saturation (Max)400mV	Manufacturer	Broadcom Limited
Package4-SOIC (0.173", 4.40mm)Series-Number of Channels1Voltage - Isolation3000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mACurrent Transfer Ratio (Max)3µs, 3µsRise / Fall Time (Typ)3µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mV	Category	Isolators
Series-Number of Channels1Voltage - Isolation3000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If (Max)60mV		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation3000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsInput TypeDCOutput Type300VrmsVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)80MVer Saturation (Max)400mV	Package	4-SOIC (0.173", 4.40mm)
Voltage - Isolation3000VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output / Channel80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)400mV	Series	-
Current Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)400mV	Number of Channels	1
Current Transfer Ratio (Max)400% @ 5mATurn On / Turn Off Time (Typ)3µs, 3µsRise / Fall Time (Typ)2µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mA	Voltage - Isolation	3000Vrms
Turn On / Turn Off Time (Typ)3μs, 3μsRise / Fall Time (Typ)2μs, 3μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)400mV	Current Transfer Ratio (Min)	200% @ 5mA
Rise / Fall Time (Typ)2µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mV	Current Transfer Ratio (Max)	400% @ 5mA
Input TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mV	Turn On / Turn Off Time (Typ)	3µs, 3µs
Output TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mV	Rise / Fall Time (Typ)	2µs, 3µs
Voltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVcc Saturation (Max)400mV	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mV	Output Type	Transistor
Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mV	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)50mAVce Saturation (Max)400mV	Current - Output / Channel	50mA
Vce Saturation (Max) 400mV	Voltage - Forward (Vf) (Typ)	1.2V
	Current - DC Forward (If) (Max)	50mA
	Vce Saturation (Max)	400mV
Operating Temperature $-55^{\circ}\text{C} \sim 110^{\circ}\text{C}$	Operating Temperature	-55°C ~ 110°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-SOIC (0.173", 4.40mm)	Package / Case	4-SOIC (0.173", 4.40mm)
Supplier Device Package 4-SO	Supplier Device Package	4-SO
Report errors?		Report errors?

E-mail: salesdept@heisener.com

#### **ACPL-217-56CE** 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.

#### **ACPL-217-56CE** Payment Methods



## **ACPL-217-56CE Shipping Methods**



If you have any question about ACPL-217-56CE, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com