

# PC353TJ0000F

### **PC353TJ0000F 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.



# **PC353TJ0000F Specifications**

Manufacturer Part Number     PC353TJ0000F       Manufacturer     Shap Microelectronics       Category     Solators       Optiosolators - Transistor, Photovoltaic Output       Package     6-SOIC (0.173", 4.40mm Width) 5 Leads       Series     -       Number of Channels     1       Voltage - Isolation     -       Current Transfer Ratio (Min)     -       Current Transfer Ratio (Max)     -       Turn On / Turn Off Time (Typ)     -       Nuptage - Solation     Solator - Category       Output Type     DC       Nuptage - Solation     Solator - Solatory       Output Type     Solatory       Output Type     DC       Output Type     Solatory       Voltage - Forward (Vf) (Typ)     1.2V       Current - Output / Channel     SomA       Voltage - Forward (Vf) (Typ)     Solatory       Operating Temperature     Solotory       Operating Temperature     Solotory       Operating Temperature     Solotory       Operating Temperature     Solotory       Mounting Type     Solotory <t< th=""><th>•</th><th></th></t<>	•	
CategoryIsolatorsQotoisolators - Transistor, Photovoltaic OutputPackage6-SOIC (0.173", 4.40mm Width) 5 LeadsSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Max)-Current Transfer Ratio (Max)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeSomAVoltage - Ioutput / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)30mAVoltage Tomperature-30°C ~ 100°CMounting TypeSufface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Manufacturer Part Number	PC353TJ0000F
PackageOptoisolators - Transistor, Photovoltaic OutputPackage6-SOIC (0.173", 4.40mm Width) 5 LeadsSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output / ChannelS0NAVoltage - Forward (Vf) (Typ)1.2VCurrent - Output / Channel50mAVoltage - Forward (If) (Max)S0mAVoltage - Forward (If) (Max)S0mAVoltage - Forward (If) (Max)S0mAVoltage - Forward (If) (Max)S0mAVarent - OLT of (Max)S0mASuffee MountS0mAVarent - OLT of (Max)S0mAVarent - OLT of (Max)S0m	Manufacturer	Sharp Microelectronics
Package6-SOIC (0.173", 4.40mm Width) 5 LeadsSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (If) (Max)50mAVoltage - Forward (If) (Max)30°C ~ 100°COupperting Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 Leads	Category	Isolators
Series-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Kise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeSonAVoltage - Output (Max)50mAVoltage - Forward (If) (Max)30mAVorent - DC Forward (If) (Max)30mAOperating Temperature-Mounting Type-SonA-Suffer All Time (Typ)-Suffer All Time (Typ)-Suffer All Time (Typ)-Output Type-Output Type-Output Type-Suffer All Time (Typ)-Suffer All Time (Typ)-Suffer All Time (Typ)-Output (Max)-Suffer All Time (Typ)-Suffer All		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Uf) (Typ)1.2VCurrent - DC Forward (Uf) (Max)50mAVer Saturation (Max)30°C ~ 100°COperating TemperatureSurface MountMounting TypeScSDC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Package	6-SOIC (0.173", 4.40mm Width) 5 Leads
Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel1.2VCurrent - DC Forward (If) (Max)50mAVec Saturation (Max)200mVOperating Temperature30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Series	-
Current Transfer Ratio (Min)-Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Number of Channels	1
Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)90mVVec Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Voltage - Isolation	3750Vrms
Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVec Saturation (Max)30°C ~ 100°COperating TemperatureSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Current Transfer Ratio (Min)	-
Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Current Transfer Ratio (Max)	-
Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Turn On / Turn Off Time (Typ)	-
Output TypeTransistor with BaseVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Rise / Fall Time (Typ)	4µs, 3µs
NoteNoteVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVcc Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Input Type	DC
Current - Output / Channel     50mA       Voltage - Forward (Vf) (Typ)     1.2V       Current - DC Forward (If) (Max)     50mA       Vce Saturation (Max)     200mV       Operating Temperature     -30°C ~ 100°C       Mounting Type     Surface Mount       Package / Case     6-SOIC (0.173", 4.40mm Width) 5 Leads       Supplier Device Package     5-SMD	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)50mAVce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Current - Output / Channel	50mA
Vce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Current - DC Forward (If) (Max)	50mA
Mounting TypeSurface MountPackage / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Vce Saturation (Max)	200mV
Package / Case6-SOIC (0.173", 4.40mm Width) 5 LeadsSupplier Device Package5-SMD	Operating Temperature	$-30^{\circ}C \sim 100^{\circ}C$
Supplier Device Package 5-SMD	Mounting Type	Surface Mount
	Package / Case	6-SOIC (0.173", 4.40mm Width) 5 Leads
Report errors?	Supplier Device Package	5-SMD
		Report errors?

#### PC353TJ0000F 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

#### **Service Guarantees**

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

#### PC353TJ0000F Payment Methods



## **PC353TJ0000F Shipping Methods**



If you have any question about PC353TJ0000F, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com