

SFH608-5

SFH608-5 Information

Heisener.com	Part Number	SFH608-5	
	Manufacturer	Vishay Semiconductor Opto Division	
	Category	Isolators Optoisolators - Transistor, Photovoltaic Output	
	Description	OPTOISO 5.3KV TRANS W/BASE 6DIP	
	Package	6-DIP (0.300", 7.62mm)	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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.

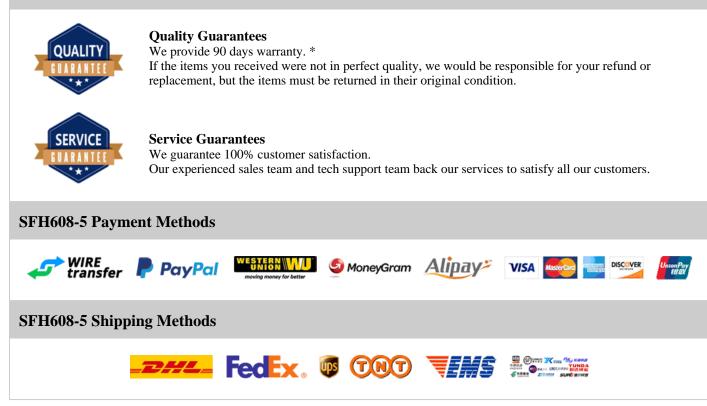


Request a Quote

SFH608-5 Specifications

ManufacturerVishay Semiconductor Opto DivisionGategoryIsolatorsPackage6-DIP (0.300", 7.62mm)Package-Series-Number of Channels1Voltage - IsolationS300VrmsCurrent Transfer Ratio (Min)250% @ ImACurrent Transfer Ratio (Max)500% @ ImATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsOutput TypeDCOutput Type55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoltage - Forward (If) (Max)50mAQoparing Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)		
CategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)250% @ ImACurrent Transfer Ratio (Max)500% @ ImACurrent Transfer Ratio (Max)500% @ ImATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Manufacturer Part Number	SFH608-5
Optoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)250% @ 1mACurrent Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsOutput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoltage - Sorward (Vf) (Typ)50mAVoltage - Gautration (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Manufacturer	Vishay Semiconductor Opto Division
Package6-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)250% @ 1mACurrent Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output / Channel50mAVoltage - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoltage - Forward (Vf) (Typ)50mAVoltage - Forward (Vf) (Typ)50mAVoltage - Forward (Vf) (Typ)50mACurrent - DC Forward (If) (Max)50mAVer Saturation (Max)60mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Category	Isolators
Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)250% @ 1mACurrent Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (If) (Max)50mAVoltage - Forward (If) (Max)50mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)250% @ 1mACurrent Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)	Package	6-DIP (0.300", 7.62mm)
Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 250% @ 1mA Current Transfer Ratio (Max) 500% @ 1mA Turn On / Turn Off Time (Typ) 8µs, 7.5µs Rise / Fall Time (Typ) 5µs, 7µs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 55V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.1V Current - DC Forward (If) (Max) 50mA Vole Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm)	Series	-
Current Transfer Ratio (Min)250% @ ImACurrent Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVole Saturation (Max)60mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Number of Channels	1
Current Transfer Ratio (Max)500% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVe Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting Type6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoe Saturation (Max)60mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current Transfer Ratio (Min)	250% @ 1mA
Rise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVes Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current Transfer Ratio (Max)	500% @ 1mA
Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Turn On / Turn Off Time (Typ)	8µs, 7.5µs
A matrixTransistor with BaseOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Rise / Fall Time (Typ)	5µs, 7µs
Voltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Output (Max)	55V
Current - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Forward (Vf) (Typ)	1.1V
Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current - DC Forward (If) (Max)	50mA
Mounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Vce Saturation (Max)	400mV
Package / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-DIP	Mounting Type	Through Hole
	Package / Case	6-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	6-DIP
		Report errors?

SFH608-5 Guarantees



If you have any question about SFH608-5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com