



# ESW-109-33-T-S-LL Information

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For Reference Only

Part Number ESW-109-33-T-S-LL

Manufacturer Samtec Inc.

**Category** Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** ELEVATED SOCKET STRIPS

Package -

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.









# ESW-109-33-T-S-LL Specifications

Manufacturer Part Number         ESW-109-33-T-S-LL           Manufacturer         Samtec Inc.           Category         Connectors, Interconnects           Package         -           Series         ESW           Connector Type         Elevated Socket           Contact Type         Forked           Style         Board to Board           Number of Positions         9           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Testening Type         Push-Pull           Contact Finish - Mating         Push-Pull           Contact Finish Thickness - Mating         -           Insulation Color         Black           Insulation Height         0.635" (16.13mm)           Contact Length - Post         0.090" (2.29mm)           Operating Temperature         -55°C ~ 105°C           Material Flammability Rating         UL94 V-0		
Category         Connectors, Interconnects           Package         -           Series         ESW           Connector Type         Elevated Socket           Contact Type         Forked           Style         Board to Board           Number of Positions         9           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Kinked Pin, Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Tin           Contact Finish Thickness - Mating         -           Insulation Color         Black           Insulation Height         0.635" (16.13mm)           Contact Length - Post         0.090" (2.29mm)           Operating Temperature         -55°C ~ 105°C	Manufacturer Part Number	ESW-109-33-T-S-LL
Package-SeriesESWConnector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions9Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - Mating-Contact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.635" (16.13mm)Contact Length - Post0.090" (2.29mm)Operating Temperature-55°C ~ 105°C	Manufacturer	Samtec Inc.
Package         -           Series         ESW           Connector Type         Elevated Socket           Contact Type         Forked           Style         Board to Board           Number of Positions         9           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Kinked Pin, Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Tin           Contact Finish Thickness - Mating         -           Insulation Color         Black           Insulation Height         0.635" (16.13mm)           Contact Length - Post         0.090" (2.29mm)           Operating Temperature         -55°C ~ 105°C	Category	Connectors, Interconnects
SeriesESWConnector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions9Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.635" (16.13mm)Contact Length - Post0.090" (2.29mm)Operating Temperature-55°C ~ 105°C		Rectangular Connectors - Headers, Receptacles, Female Sockets
Connector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions9Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.635" (16.13mm)Contact Length - Post0.090" (2.29mm)Operating Temperature-55°C ~ 105°C	Package	-
Contact Type         Forked           Style         Board to Board           Number of Positions         9           Number of Positions Loaded         All           Pitch - Mating         0.100" (2.54mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Kinked Pin, Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Tin           Contact Finish Thickness - Mating         -           Insulation Color         Black           Insulation Height         0.635" (16.13mm)           Contact Length - Post         0.090" (2.29mm)           Operating Temperature         -55°C ~ 105°C	Series	ESW
StyleBoard to BoardNumber of Positions9Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.635" (16.13mm)Contact Length - Post0.090" (2.29mm)Operating Temperature-55°C ~ 105°C	Connector Type	Elevated Socket
Number of Positions 9 Number of Positions Loaded All Pitch - Mating 0.100" (2.54mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Kinked Pin, Solder Fastening Type Push-Pull Contact Finish - Mating Tin Contact Finish Thickness - Mating - Insulation Color Black Insulation Height 0.635" (16.13mm) Contact Length - Post 0.090" (2.29mm) Operating Temperature -55°C ~ 105°C	Contact Type	Forked
Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.635" (16.13mm)Contact Length - Post0.090" (2.29mm)Operating Temperature-55°C ~ 105°C	Style	Board to Board
Pitch - Mating 0.100" (2.54mm)  Number of Rows 1  Row Spacing - Mating -  Mounting Type Through Hole  Termination Kinked Pin, Solder  Fastening Type Push-Pull  Contact Finish - Mating Tin  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.635" (16.13mm)  Contact Length - Post 0.090" (2.29mm)  Operating Temperature -55°C ~ 105°C	Number of Positions	9
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.635" (16.13mm)Contact Length - Post0.090" (2.29mm)Operating Temperature-55°C ~ 105°C	Number of Positions Loaded	All
Row Spacing - Mating  Mounting Type  Through Hole  Termination  Kinked Pin, Solder  Fastening Type  Push-Pull  Contact Finish - Mating  Tin  Contact Finish Thickness - Mating  Insulation Color  Black  Insulation Height  0.635" (16.13mm)  Contact Length - Post  0.090" (2.29mm)  Operating Temperature	Pitch - Mating	0.100" (2.54mm)
Mounting Type Through Hole  Termination Kinked Pin, Solder  Fastening Type Push-Pull  Contact Finish - Mating Tin  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.635" (16.13mm)  Contact Length - Post 0.090" (2.29mm)  Operating Temperature -55°C ~ 105°C	Number of Rows	1
Termination Kinked Pin, Solder  Fastening Type Push-Pull  Contact Finish - Mating Tin  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.635" (16.13mm)  Contact Length - Post 0.090" (2.29mm)  Operating Temperature -55°C ~ 105°C	Row Spacing - Mating	-
Fastening Type Push-Pull  Contact Finish - Mating Tin  Contact Finish Thickness - Mating -  Insulation Color Black  Insulation Height 0.635" (16.13mm)  Contact Length - Post 0.090" (2.29mm)  Operating Temperature -55°C ~ 105°C	Mounting Type	Through Hole
Contact Finish - Mating Contact Finish Thickness - Mating Insulation Color Black Insulation Height 0.635" (16.13mm) Contact Length - Post 0.090" (2.29mm) Operating Temperature -55°C ~ 105°C	Termination	Kinked Pin, Solder
Contact Finish Thickness - Mating Insulation Color Black Insulation Height 0.635" (16.13mm) Contact Length - Post 0.090" (2.29mm) Operating Temperature -55°C ~ 105°C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.635$ " ( $16.13$ mm)Contact Length - Post $0.090$ " ( $2.29$ mm)Operating Temperature $-55$ °C ~ $105$ °C	Contact Finish - Mating	Tin
Insulation Height $0.635" (16.13mm)$ Contact Length - Post $0.090" (2.29mm)$ Operating Temperature $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Contact Finish Thickness - Mating	-
Contact Length - Post $0.090" (2.29mm)$ Operating Temperature $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Insulation Color	Black
Operating Temperature $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Insulation Height	0.635" (16.13mm)
	Contact Length - Post	0.090" (2.29mm)
Material Flammability Rating UL94 V-0	Operating Temperature	-55°C ~ 105°C
	Material Flammability Rating	UL94 V-0

Contact Finish - Post	Tin
Mated Stacking Heights	-
Ingress Protection	-
Features	-
	Report errors?

#### ESW-109-33-T-S-LL 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.

### ESW-109-33-T-S-LL Payment Methods



















### ESW-109-33-T-S-LL Shipping Methods













If you have any question about ESW-109-33-T-S-LL, please do not hesitate to contact us!

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