

ESS-107-G-03 Information

Heisener.com

For Reference Only

Part Number ESS-107-G-03

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



Request a Quote

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.









ESS-107-G-03 Specifications

Manufacturer Part Number ESS-107-G-03 Manufacturer Samtec Inc. Category Connectors, Interconnects Package - Series ESS Connector Type Elevated Socket Contact Type Female Socket Style Board to Board Number of Positions 7 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 Gold Contact Finish Thickness - Mating 10µin (0.25µm) Insulation Color Black Insulation Height 0.300" (7.62mm) Contact Length - Post 0.123" (3.12mm) Operating Temperature -55°C ~ 125°C Material Flammability Rating UL94 V-0		
Category Connectors, Interconnects Package - Series ESS Connector Type Elevated Socket Contact Type Female Socket Style Board to Board Number of Positions 7 Number of Positions Loaded All Pitch - Mating 0.100" (2.54mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Solder Pastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10µin (0.25µm) Insulation Color Black Insulation Height 0.300" (7.62mm) Contact Length - Post 0.123" (3.12mm) Operating Temperature -55°C ~ 125°C	Manufacturer Part Number	ESS-107-G-03
Package-SeriesESSConnector TypeElevated SocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions7Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Manufacturer	Samtec Inc.
Package - Series ESS Connector Type Elevated Socket Contact Type Female Socket Style Board to Board Number of Positions 7 Number of Positions Loaded All Pitch - Mating 0.100" (2.54mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10µin (0.25µm) Insulation Color Black Insulation Height 0.300" (7.62mm) Contact Length - Post 0.123" (3.12mm) Operating Temperature -55°C ~ 125°C	Category	Connectors, Interconnects
SeriesESSConnector TypeElevated SocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions7Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets
Connector TypeElevated SocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions7Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10μin (0.25μm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Package	-
Contact Type Female Socket Style Board to Board Number of Positions 7 Number of Positions Loaded All Pitch - Mating 0.100" (2.54mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10µin (0.25µm) Insulation Color Black Insulation Height 0.300" (7.62mm) Contact Length - Post 0.123" (3.12mm) Operating Temperature -55°C ~ 125°C	Series	ESS
StyleBoard to BoardNumber of Positions7Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10μin (0.25μm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Connector Type	Elevated Socket
Number of Positions 7 Number of Positions Loaded All Pitch - Mating 0.100" (2.54mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10µin (0.25µm) Insulation Color Black Insulation Height 0.300" (7.62mm) Contact Length - Post 0.123" (3.12mm) Operating Temperature -55°C ~ 125°C	Contact Type	Female Socket
Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10μin (0.25μm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Style	Board to Board
Pitch - Mating 0.100" (2.54mm) Number of Rows 1 Row Spacing - Mating - Mounting Type Through Hole Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10µin (0.25µm) Insulation Color Black Insulation Height 0.300" (7.62mm) Contact Length - Post 0.123" (3.12mm) Operating Temperature -55°C ~ 125°C	Number of Positions	7
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10μin (0.25μm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All
Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10μin (0.25μm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Pitch - Mating	0.100" (2.54mm)
Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10μin (0.25μm)Insulation ColorBlackInsulation Height0.300" (7.62mm)Contact Length - Post0.123" (3.12mm)Operating Temperature-55°C ~ 125°C	Number of Rows	1
Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10μ in $(0.25\mu$ m) Insulation Color Black Insulation Height $0.300''$ $(7.62$ mm) Contact Length - Post $0.123''$ $(3.12$ mm) Operating Temperature -55° C $\sim 125^{\circ}$ C	Row Spacing - Mating	-
Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 10μ in $(0.25\mu$ m) Insulation Color Black Insulation Height 0.300 " $(7.62$ mm) Contact Length - Post 0.123 " $(3.12$ mm) Operating Temperature -55 °C ~ 125 °C	Mounting Type	Through Hole
Contact Finish - Mating Gold Contact Finish Thickness - Mating $10\mu in (0.25\mu m)$ Insulation Color Black Insulation Height $0.300'' (7.62mm)$ Contact Length - Post $0.123'' (3.12mm)$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Termination	Solder
Contact Finish Thickness - Mating 10μ in $(0.25\mu$ m) Insulation Color Black Insulation Height 0.300 " $(7.62$ mm) Contact Length - Post 0.123 " $(3.12$ mm) Operating Temperature -55 °C ~ 125 °C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.300"$ ($7.62mm$)Contact Length - Post $0.123"$ ($3.12mm$)Operating Temperature -55 °C ~ 125 °C	Contact Finish - Mating	Gold
Insulation Height $0.300" (7.62mm)$ Contact Length - Post $0.123" (3.12mm)$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Contact Finish Thickness - Mating	10μin (0.25μm)
Contact Length - Post $0.123'' (3.12 \text{mm})$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Insulation Color	Black
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Insulation Height	0.300" (7.62mm)
	Contact Length - Post	0.123" (3.12mm)
Material Flammability Rating UL94 V-0	Operating Temperature	-55°C ~ 125°C
	Material Flammability Rating	UL94 V-0

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

ESS-107-G-03 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.

ESS-107-G-03 Payment Methods



















ESS-107-G-03 Shipping Methods













If you have any question about ESS-107-G-03, please do not hesitate to contact us!

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