

# ESQ-105-44-S-D

## ESQ-105-44-S-D Information

Heisener.com	Part Number Manufacturer Category Description Package	ESQ-105-44-S-D Samtec Inc. Connectors, Interconnects Rectangular Connectors - Headers, Receptacles, Female Sockets CONN RCPT 10POS .100" DUAL GOLD	
For Reference Only	-	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.



# ESQ-105-44-S-D Specifications

Manufacturer Part NumberESQ-105-44-S-DManufacturerSamtec Inc.CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesESQConnector TypeElevated SocketContact TypeBoard to BoardNumber of PositionsI0Number of Positions LoadedAllNumber of Rows2Row Spacing - Mating0.100° (2.54mm)Munufing TypeInolog (2.54mm)Young TypeSolderFareing TypeOiderContact Finish - MatingGoldContact Finish - MatingGoldContact Finish - MatingGoldSolderSolderFareing TypeUsh-PullContact Finish - MatingGoldContact Finish - MatingJ35° (18.67mm)Contact Finish Thickness - MatingJ180° (4.57mm)Contact Finish ThicknessJ180° (4.57mm)Contact Finish PostU194 V-0		
CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesESQConnector TypeElevated SocketConnector TypeForkedContact TypeBoard to BoardStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllNumber of Rows2Row Spacing - Mating0.100" (2.54mm)Number of Rows0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypeOldContact Finish - MatingGoldContact Finish Thickness - MatingJouin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Manufacturer Part Number	ESQ-105-44-S-D
Rectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesESQConnector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypeOusl' (2.54mm)Contact Finish - MatingGoldContact Finish Thickness - MatingJujin (0.76µm)Sulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Manufacturer	Samtec Inc.
Package-SeriesESQConnector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting TypeDi Olor (2.54mm)Yourge TypeSolderTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJojin (0.76µm)Insulation ColorBlackInsulation Height0.735° (18.67mm)Operating Temperature55°C ~ 125°C	Category	Connectors, Interconnects
SeriesESQConnector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypeSolderContact Finish - MatingGoldContact Finish - MatingGoldSulation ColorBlackInsulation Right0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Contact Length - Post0.58°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets
Connector TypeElevated SocketContact TypeForkedStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllNumber of Positions Loaded0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypeUsh-PullContact Finish - MatingGoldContact Finish Thickness - MatingJojin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Package	-
Contact TypeForkedStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJuin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - PostJ.80" (4.57mm)Operating Temperature-55°C ~ 125°C	Series	ESQ
Style   Board to Board     Number of Positions   10     Number of Positions Loaded   All     Pitch - Mating   0.100" (2.54mm)     Number of Rows   2     Row Spacing - Mating   0.100" (2.54mm)     Mounting Type   0.100" (2.54mm)     Mounting Type   0.100" (2.54mm)     Fermination   Solder     Forning Type   Push-Pull     Contact Finish - Mating   Gold     Contact Finish Thickness - Mating   30µin (0.76µm)     Insulation Color   Black     Insulation Height   0.735" (18.67mm)     Contact Length - Post   0.180" (4.57mm)     Operating Temperature   -55°C ~ 125°C	Connector Type	Elevated Socket
Number of Positions   10     Number of Positions Loaded   All     Pitch - Mating   0.100" (2.54mm)     Number of Rows   2     Row Spacing - Mating   0.100" (2.54mm)     Mounting Type   0.100" (2.54mm)     Termination   0.100" (2.54mm)     Solder   Solder     Termination   Solder     Fastening Type   Push-Pull     Contact Finish - Mating   Gold     Contact Finish Thickness - Mating   30µin (0.76µm)     Insulation Color   Black     Insulation Height   0.135" (18.67mm)     Contact Length - Post   0.180" (4.57mm)	Contact Type	Forked
Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting Type0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Style	Board to Board
Pitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlackInsulation Color0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Number of Positions	10
Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All
Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJupin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Pitch - Mating	0.100" (2.54mm)
Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Number of Rows	2
TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Row Spacing - Mating	0.100" (2.54mm)
Fastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Mounting Type	Through Hole
Contact Finish - MatingGoldContact Finish Thickness - Mating30µin (0.76µm)Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Termination	Solder
Contact Finish Thickness - Mating 30µin (0.76µm)   Insulation Color Black   Insulation Height 0.735" (18.67mm)   Contact Length - Post 0.180" (4.57mm)   Operating Temperature -55°C ~ 125°C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height0.735" (18.67mm)Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Contact Finish - Mating	Gold
Insulation Height   0.735" (18.67mm)     Contact Length - Post   0.180" (4.57mm)     Operating Temperature   -55°C ~ 125°C	Contact Finish Thickness - Mating	30µin (0.76µm)
Contact Length - Post0.180" (4.57mm)Operating Temperature-55°C ~ 125°C	Insulation Color	Black
Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$	Insulation Height	0.735" (18.67mm)
	Contact Length - Post	0.180" (4.57mm)
Material Flammability Rating UL94 V-0	Operating Temperature	-55°C ~ 125°C
	Material Flammability Rating	UL94 V-0

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

### ESQ-105-44-S-D 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.

# ESQ-105-44-S-D Payment Methods



If you have any question about ESQ-105-44-S-D, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com