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# ESQT-106-03-F-S-309 Information

Part Number ESQT-106-03-F-S-309

Manufacturer Samtec Inc.

**Category** Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** ELEVATED 2MM SOCKETS

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.









## ESQT-106-03-F-S-309 Specifications

Manufacturer Part Number         ESQT-106-03-F-S-309           Manufacturer         Samtec Inc.           Category         Connectors, Interconnects           Package         -           Series         FleXYZ? ESQT           Connector Type         Elevated Socket           Contact Type         Forked           Style         Board to Board or Cable           Number of Positions         6           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Testening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         3µin (0.08µm)           Insulation Color         Black           Insulation Height         0.309" (7.85mm)           Operating Temperature         -55°C ~ 125°C           Material Flammability Rating         UL94 V-0				
Category         Connectors, Interconnects           Package         -           Series         FleXYZ? ESQT           Connector Type         Elevated Socket           Contact Type         Forked           Style         Board to Board or Cable           Number of Positions         6           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           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         3µin (0.08µm)           Insulation Color         Black           Insulation Height         0.309" (7.85mm)           Contact Length - Post         0.149" (3.78mm)           Operating Temperature         -55°C ~ 125°C	Manufacturer Part Number	ESQT-106-03-F-S-309		
Package-SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions6Number of Positions LoadedAllPitch - Mating $0.079''$ ( $2.00$ mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating $3\mu$ in ( $0.08\mu$ m)Insulation ColorBlackInsulation Height $0.309''$ ( $7.85$ mm)Contact Length - Post $0.149''$ ( $3.78$ mm)Operating Temperature $-55^{\circ}$ C ~ $125^{\circ}$ C	Manufacturer	Samtec Inc.		
Package         -           Series         FleXYZ? ESQT           Connector Type         Elevated Socket           Contact Type         Forked           Style         Board to Board or Cable           Number of Positions         6           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           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         3µin (0.08µm)           Insulation Color         Black           Insulation Height         0.309" (7.85mm)           Contact Length - Post         0.149" (3.78mm)           Operating Temperature         -55°C ~ 125°C	Category	Connectors, Interconnects		
SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions6Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets		
Connector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions6Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Package	-		
Contact Type         Forked           Style         Board to Board or Cable           Number of Positions         6           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           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         3µin (0.08µm)           Insulation Color         Black           Insulation Height         0.309" (7.85mm)           Contact Length - Post         0.149" (3.78mm)           Operating Temperature         -55°C ~ 125°C	Series	FleXYZ? ESQT		
StyleBoard to Board or CableNumber of Positions6Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Connector Type	Elevated Socket		
Number of Positions6Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Contact Type	Forked		
Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Style	Board to Board or Cable		
Pitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Number of Positions	6		
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All		
Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Pitch - Mating	0.079" (2.00mm)		
Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.309" (7.85mm)Contact Length - Post0.149" (3.78mm)Operating Temperature-55°C ~ 125°C	Number of Rows	1		
Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu$ m)  Insulation Color Black  Insulation Height $0.309$ " $(7.85 \text{mm})$ Contact Length - Post $0.149$ " $(3.78 \text{mm})$ Operating Temperature $-55$ °C $\sim 125$ °C	Row Spacing - Mating	-		
Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu$ m)  Insulation Color Black  Insulation Height $0.309$ " $(7.85\text{mm})$ Contact Length - Post $0.149$ " $(3.78\text{mm})$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Mounting Type	Through Hole		
Contact Finish - Mating Gold  Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu$ m)  Insulation Color Black  Insulation Height $0.309$ " $(7.85$ mm)  Contact Length - Post $0.149$ " $(3.78$ mm)  Operating Temperature $-55$ °C $\sim 125$ °C	Termination	Solder		
Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu m)$ Insulation Color $Black$ Insulation Height $0.309''$ $(7.85mm)$ Contact Length - Post $0.149''$ $(3.78mm)$ Operating Temperature $-55^{\circ}$ C $\sim 125^{\circ}$ C	Fastening Type	Push-Pull		
Insulation ColorBlackInsulation Height $0.309$ " (7.85mm)Contact Length - Post $0.149$ " (3.78mm)Operating Temperature $-55$ °C ~ $125$ °C	Contact Finish - Mating	Gold		
Insulation Height $0.309" (7.85mm)$ Contact Length - Post $0.149" (3.78mm)$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Contact Finish Thickness - Mating	3μin (0.08μm)		
Contact Length - Post $0.149$ " (3.78mm) Operating Temperature $-55$ °C $\sim 125$ °C	Insulation Color	Black		
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Insulation Height	0.309" (7.85mm)		
	Contact Length - Post	0.149" (3.78mm)		
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?

### ESQT-106-03-F-S-309 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.

## ESQT-106-03-F-S-309 Payment Methods



















### ESQT-106-03-F-S-309 Shipping Methods













If you have any question about ESQT-106-03-F-S-309, please do not hesitate to contact us!

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