



# ESQT-117-03-F-S-408 Information

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For Reference Only

Part Number ESQT-117-03-F-S-408

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-117-03-F-S-408 Specifications

Manufacturer Part Number         ESQT-117-03-F-S-408           Manufacturer         Samtec Inc.           Category         Connectors, Interconnects           Package         -           Series         FleXYZ? ESQT           Connector Type         Elevated Socket           Contact Type         Board to Board or Cable           Number of Positions         17           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         Golder           Contact Finish Thickness - Mating         Jajin (0.08µm)           Insulation Color         Black           Insulation Height         0.408" (10.36mm)           Contact Length - Post         0.050" (1.27mm)           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         17           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         0.408" (10.36mm)           Contact Length - Post         0.050" (1.27mm)           Operating Temperature         -55°C ~ 125°C	Manufacturer Part Number	ESQT-117-03-F-S-408
Package-SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions17Number 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 $0.408''$ ( $10.36$ mm)Contact Length - Post $0.050''$ ( $1.27$ 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         17           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         0.408" (10.36mm)           Contact Length - Post         0.050" (1.27mm)           Operating Temperature         -55°C ~ 125°C	Category	Connectors, Interconnects
SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions17Number 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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)Operating Temperature-55°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets
Connector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions17Number 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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)Operating Temperature-55°C ~ 125°C	Package	-
Contact Type         Forked           Style         Board to Board or Cable           Number of Positions         17           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         0.408" (10.36mm)           Contact Length - Post         0.050" (1.27mm)           Operating Temperature         -55°C ~ 125°C	Series	FleXYZ? ESQT
StyleBoard to Board or CableNumber of Positions17Number 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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)Operating Temperature-55°C ~ 125°C	Connector Type	Elevated Socket
Number of Positions17Number 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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)Operating Temperature-55°C ~ 125°C	Number of Positions	17
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)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 Height0.408" (10.36mm)Contact Length - Post0.050" (1.27mm)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 $0.408''$ $(10.36mm)$ Contact Length - Post $0.050''$ $(1.27mm)$ Operating Temperature $-55^{\circ}$ C $\sim 125^{\circ}$ 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 $0.408$ " $(10.36$ mm)  Contact Length - Post $0.050$ " $(1.27$ mm)  Operating Temperature $-55$ °C $\sim 125$ °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 $0.408''$ $(10.36mm)$ Contact Length - Post $0.050''$ $(1.27mm)$ Operating Temperature $-55^{\circ}$ C $\sim 125^{\circ}$ C	Termination	Solder
Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu m)$ Insulation Color $Black$ Insulation Height $0.408''$ $(10.36mm)$ Contact Length - Post $0.050''$ $(1.27mm)$ Operating Temperature $-55^{\circ}$ C $\sim 125^{\circ}$ C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.408"$ ( $10.36mm$ )Contact Length - Post $0.050"$ ( $1.27mm$ )Operating Temperature $-55^{\circ}$ C ~ $125^{\circ}$ C	Contact Finish - Mating	Gold
Insulation Height $0.408" (10.36mm)$ Contact Length - Post $0.050" (1.27mm)$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Contact Finish Thickness - Mating	3μin (0.08μm)
Contact Length - Post $0.050" (1.27 \text{mm})$ 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	0.408" (10.36mm)
	Contact Length - Post	0.050" (1.27mm)
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-117-03-F-S-408 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-117-03-F-S-408 Payment Methods



















### ESQT-117-03-F-S-408 Shipping Methods













If you have any question about ESQT-117-03-F-S-408, please do not hesitate to contact us!

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