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For Reference Only

# ESQT-144-02-F-Q-410 Information

Part Number ESQT-144-02-F-Q-410

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



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.









# ESQT-144-02-F-Q-410 Specifications

Manufacturer Part Number         ESQT-144-02-F-Q-410           Manufacturer         Samtec Inc.           Category         Connectors, Interconnects           Package         -           Series         FleXYZ? ESQT           Connector Type         Elevated Socket           Contact Type         Board to Board or Cable           Number of Positions         176           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         4           Row Spacing - Mating         0.079" (2.00mm)           Mounting Type         Through Hole           Testening Type         Through Hole           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         Gold           Contact Finish Thickness - Mating         Jajin (0.08µm)           Insulation Color         Black           Insulation Height         0.410" (10.41mm)           Contact Length - Post         0.440" (11.18mm)           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         176           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         4           Row Spacing - Mating         0.079" (2.00mm)           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         0.410" (10.41mm)           Contact Length - Post         0.440" (11.18mm)           Operating Temperature         -55°C ~ 125°C	Manufacturer Part Number	ESQT-144-02-F-Q-410
Package-SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions176Number of Positions LoadedAllPitch - Mating $0.079''$ ( $2.00$ mm)Number of Rows4Row Spacing - Mating $0.079''$ ( $2.00$ mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating $3\mu$ in ( $0.08\mu$ m)Insulation ColorBlackInsulation Height $0.410''$ ( $10.41$ mm)Contact Length - Post $0.440''$ ( $11.18$ mm)Operating Temperature $-55^{\circ}$ C ~ $125^{\circ}$ C	Manufacturer	Samtec Inc.
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StyleBoard to Board or CableNumber of Positions176Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.410" (10.41mm)Contact Length - Post0.440" (11.18mm)Operating Temperature-55°C ~ 125°C	Connector Type	Elevated Socket
Number of Positions176Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.410" (10.41mm)Contact Length - Post0.440" (11.18mm)Operating Temperature-55°C ~ 125°C	Contact Type	Forked
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Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3μin (0.08μm)Insulation ColorBlackInsulation Height0.410" (10.41mm)Contact Length - Post0.440" (11.18mm)Operating Temperature-55°C ~ 125°C	Number of Rows	4
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 0.410" (10.41mm)  Contact Length - Post 0.440" (11.18mm)  Operating Temperature -55°C ~ 125°C	Row Spacing - Mating	0.079" (2.00mm)
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Contact Finish - Mating Gold  Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu$ m)  Insulation Color Black  Insulation Height $0.410''$ $(10.41\text{mm})$ Contact Length - Post $0.440''$ $(11.18\text{mm})$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Termination	Solder
Contact Finish Thickness - Mating $3\mu$ in $(0.08\mu m)$ Insulation Color Black Insulation Height $0.410''$ $(10.41mm)$ Contact Length - Post $0.440''$ $(11.18mm)$ Operating Temperature $-55^{\circ}$ C $\sim 125^{\circ}$ C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.410"$ ( $10.41mm$ )Contact Length - Post $0.440"$ ( $11.18mm$ )Operating Temperature $-55^{\circ}$ C ~ $125^{\circ}$ C	Contact Finish - Mating	Gold
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	Contact Length - Post	0.440" (11.18mm)
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-144-02-F-Q-410 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-144-02-F-Q-410 Payment Methods





















### ESQT-144-02-F-Q-410 Shipping Methods













If you have any question about ESQT-144-02-F-Q-410, please do not hesitate to contact us!

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