

# ESQT-112-03-L-Q-360

## ESQT-112-03-L-Q-360 Information

| Heisener.com       | Part Number<br>Manufacturer<br>Category<br>Description<br>Package | ESQT-112-03-L-Q-360<br>Samtec Inc.<br>Connectors, Interconnects<br>Rectangular Connectors - Headers, Receptacles,<br>Female Sockets<br>ELEVATED 2MM SOCKETS |                 |
|--------------------|---|---|-----------------|
| For Reference Only |   | For the pricing/inventory/lead time, please contact us  |                 |
|                    |   | Website: https://www.heisener.com<br>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-112-03-L-Q-360 Specifications

| ManufacturerSantec Inc.CategoryConnectors, InterconnectsPackage-SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions48Number of Rows0.079" (2.00mm)Number of Rows0.079" (2.00mm)Mounting TypeThrough HoleStyleSolderRow Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleContact Finish - MatingSolderRoute I StyleBoard to EstenceNumber of Rows4Row Spacing - MatingSolderTerminationSolderFastening TypeUsh-PullContact Finish - MatingGoldContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C  |                                   |   |
|--|-----------------------------------|---|
| CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesFleXY2? ESQTConnector TypeElevated SocketContact TypeSordetContact TypeBoard to Board or CableNumber of Positions48Number of Positions LoadedAllNumber of Rows4Number of Rows0.079" (2.00mm)Number of Rows0.079" (2.00mm)Number of RowsSolderNounting TypeSolderFreminationSolderContact Finish - MatingOidContact Finish - MatingIopin (0.25µm)Insulation ColorBlackInsulation FlexesJouin (0.25µm)Insulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Contact Funst, Thickness - MatingSolderInsulation FlexesSolderSolder SolderSolderSolder Sol  | Manufacturer Part Number          | ESQT-112-03-L-Q-360   |
| Image: Part of the sector of | Manufacturer                      | Samtec Inc.   |
| Package-SeriesFlcXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions48Number of Positions LoadedAllNumber of Rows4Row Spacing - Mating0.079" (2.00mm)Number of Rows0.079" (2.00mm)Mounting Type0.079" (2.00mm)TerminationSolderFastening TypeVanhPullContact Finish - MatingGoldContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.360" (2.00mm)Foratel Length - Post0.098" (2.50mm)Contact Finish Thickness - Mating0.360" (2.41mm)Contact Finish Thickness - Mating0.360" (2.41mm)Contact Finish Thickness - Mating0.360" (2.50mm)Contact Length - Post0.998" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Length - Post0.958" (2.50mm)Contact Length - Post0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Length - Post0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Length - Post0.958" (2.50mm)Contact Finish Thickness0.958" (2.50mm)Contact Length - Post0.958"  | Category                          | Connectors, Interconnects                                     |
| SeriesFleXY2? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions48Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypeOddContact Finish - MatingGoldContact Finish - MatingIpin (0.25µm)Insulation ColorBlackInsulation Height0.360" (2.00mm)Contact Length - Post0.098" (2.50mm)Contact Finish Thickness - MatingSider (2.50mm)Contact Finish Thickness - MatingSider (2.50mm)Contact Length - Post0.998" (2.50mm)Contact Finish ThicknesSider (2.50mm)Contact Length - Post0.998" (2.50mm)Contact Finish FinishSider (2.50mm)Contact Finish ThicknesSider (2.50mm)Contact Length - Post0.998" (2.50mm)Contact Length - PostSider (2.50mm)Contact Finish ThicknesSider  |                                   | Rectangular Connectors - Headers, Receptacles, Female Sockets |
| Connector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions48Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.360" (2.50mm)Contact Length - Post0.998" (2.50mm)Operating Temperature-55°C ~ 125°C  | Package                           | -   |
| Contact TypeForkedStyleBoard to Board or CableNumber of Positions48Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating0.010Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C  | Series                            | FleXYZ? ESQT  |
| StyleBoard to Board or CableNumber of Positions48Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting Type0.079" (2.00mm)TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post55°C ~ 125°C  | Connector Type                    | Elevated Socket   |
| Number of Positions 48   Number of Positions Loaded All   Pitch - Mating 0.079" (2.00mm)   Number of Rows 4   Row Spacing - Mating 0.079" (2.00mm)   Mounting Type 0.079" (2.00mm)   Termination 0.079" (2.00mm)   Termination Solder   Fastening Type Push-Pull   Contact Finish - Mating Gold   Contact Finish Thickness - Mating Jupin (0.25µm)   Insulation Color Black   Insulation Height 0.060" (9.14mm)   Contact Length - Post 0.098" (2.50mm)   Operating Temperature -55°C ~ 125°C  | Contact Type                      | Forked  |
| Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingIlpuin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature55°C ~ 125°C   | Style                             | Board to Board or Cable                                       |
| Pitch - Mating0.079" (2.00mm)Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting Type0.079" (2.00mm)TerminationThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlackInsulation Color0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C   | Number of Positions               | 48  |
| Number of Rows4Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C   | Number of Positions Loaded        | All   |
| Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C  | Pitch - Mating                    | 0.079" (2.00mm)   |
| Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C   | Number of Rows                    | 4   |
| TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C  | Row Spacing - Mating              | 0.079" (2.00mm)   |
| Fastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C   | Mounting Type                     | Through Hole  |
| Contact Finish - MatingGoldContact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C  | Termination                       | Solder  |
| Contact Finish Thickness - Mating10µin (0.25µm)Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C   | Fastening Type                    | Push-Pull   |
| Insulation ColorBlackInsulation Height0.360" (9.14mm)Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C  | Contact Finish - Mating           | Gold  |
| Insulation Height 0.360" (9.14mm)   Contact Length - Post 0.098" (2.50mm)   Operating Temperature -55°C ~ 125°C  | Contact Finish Thickness - Mating | 10µin (0.25µm)  |
| Contact Length - Post0.098" (2.50mm)Operating Temperature-55°C ~ 125°C   | Insulation Color                  | Black   |
| Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$   | Insulation Height                 | 0.360" (9.14mm)   |
|  | Contact Length - Post             | 0.098" (2.50mm)   |
|  | Operating Temperature             | -55°C ~ 125°C   |
| Material Flammability Rating UL94 V-0  | Material Flammability Rating      | UL94 V-0  |

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

#### ESQT-112-03-L-Q-360 Guarantees



#### **Quality Guarantees**

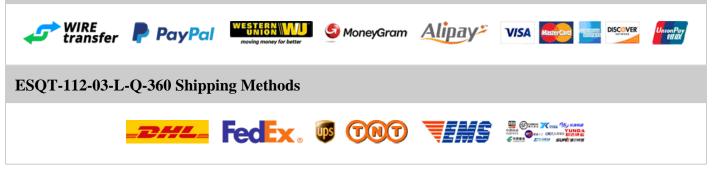
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# ESQT-112-03-L-Q-360 Payment Methods



If you have any question about ESQT-112-03-L-Q-360, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com