

# ESQT-105-02-GF-D-525

## ESQT-105-02-GF-D-525 Information

| Heisener.com       | Part Number<br>Manufacturer | ESQT-105-02-GF-D-525<br>Samtec Inc.   |                 |
|--------------------|-----------------------------|---|-----------------|
|                    | Category                    | Connectors, Interconnects<br>Rectangular Connectors - Headers, Receptacles,<br>Female Sockets |                 |
|                    | Description                 | ELEVATED 2MM SOCKETS  |                 |
|                    | Package                     | -   | 国家造業            |
| For Reference Only |                             | For the pricing/inventory/lead time, please contact   |                 |
|                    |                             | us<br>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-105-02-GF-D-525 Specifications

| ManufacturerSance Inc.CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesFleXY2? ESQTConnector TypeElevated SocketConnector TypeForkedContact TypeBoard to Board or CableStyleBoard to Board or CableNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeInfough HoleForminationSolderFastening TypeOsdContact Finish - MatingGoldContact Finish - MatingGoldInsulation ColorBlack   | Manufacturer Part Number          | ESQT-105-02-GF-D-525  |
|---|-----------------------------------|---|
| CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesFleXY2? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions0Number of Positions Loaded10Number of Rows2Number of Rows0.079° (2.00mn)Number of Rows0.079° (2.00mn)Number of Rows0.079° (2.00mn)Number of Rows0.079° (2.00mn)Number of Rows0.019° (2.00mn) <td< td=""><td></td><td></td></td<> |                                   |   |
| Hectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesFleXY2: ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions0Number of Positions LoadedAllPitch - Mating0/97' (2.00mm)Number of Rows2Row Spacing - MatingNorg' (2.00mm)Monting TypeSolderFreinnationSolderFastening TypeSolderContact Finish - MatingSolderContact Finish - MatingSolderIsulation ColorBack  |                                   |   |
| Package-SeriesFleXYZ? ESQTConnector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypeOsdContact Finish - MatingGoldContact Finish - MatingBoard on CableInsulation ColorBlack  | Category                          | Connectors, Interconnects                                     |
| SeriesFleXY2? ESQTConnector TypeElevated SocketContact TypeForkdStyleBoard to Board or CableNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypeQualContact Finish - MatingGoldContact Finish - MatingBlack  |                                   | Rectangular Connectors - Headers, Receptacles, Female Sockets |
| Connector TypeElevated SocketContact TypeForkedStyleBoard to Board or CableNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleFastening TypeSolderFastening TypeGoldContact Finish - Mating0.019 (0.51µm)Insulation ColorBlack   | Package                           | -   |
| Contact TypeForkedStyleBoard to Board or CableNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting Type0.079" (2.00mm)TerminationSolderFastening TypePush-PullContact Finish - MatingGoldIonater Finish Thickness - MatingBlack  | Series                            | FleXYZ? ESQT  |
| StyleBoard to Board or CableNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldInsulation ColorBlack  | Connector Type                    | Elevated Socket   |
| Number of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJuin (0.51µm)Insulation ColorBlack  | Contact Type                      | Forked  |
| Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlack  | Style                             | Board to Board or Cable                                       |
| Pitch - Mating0.079" (2.00mm)Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting Type0.079" (2.00mm)TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating0.0151µm)Insulation ColorBlack   | Number of Positions               | 10  |
| Number of Rows2Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlack  | Number of Positions Loaded        | All   |
| Row Spacing - Mating0.079" (2.00mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlack   | Pitch - Mating                    | 0.079" (2.00mm)   |
| Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlack  | Number of Rows                    | 2   |
| TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlack   | Row Spacing - Mating              | 0.079" (2.00mm)   |
| Fastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlack  | Mounting Type                     | Through Hole  |
| Contact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlack   | Termination                       | Solder  |
| Contact Finish Thickness - Mating20μin (0.51μm)Insulation ColorBlack  | Fastening Type                    | Push-Pull   |
| Insulation Color Black  | Contact Finish - Mating           | Gold  |
|   | Contact Finish Thickness - Mating | 20µin (0.51µm)  |
|   | Insulation Color                  | Black   |
| Insulation Height 0.525" (13.34mm)  | Insulation Height                 | 0.525" (13.34mm)  |
| Contact Length - Post 0.325" (8.25mm)   | Contact Length - Post             | 0.325" (8.25mm)   |
| Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$  | Operating Temperature             | -55°C ~ 125°C   |
| Material Flammability Rating UL94 V-0   | Material Flammability Rating      | UL94 V-0  |

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





#### **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.



If you have any question about ESQT-105-02-GF-D-525, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com