

# CES-139-01-F-S

### **CES-139-01-F-S Information**



#### **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.



#### **CES-139-01-F-S Specifications**

| Manufacturer Part NumberCES-139-01-F-SManufacturerSamtec Inc.CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesCESContact TypeReceptacle SocketContact TypeReceptacle SocketStyleBoard to BoardNumber of Positions39Number of Positions LoadedIlNumber of Rows1Number of Rows1Number of RowsSolderTerminationSolderFastening TypeVush-PullContact Finish Thickness - MatingGoldContact Finish Thickness - MatingJiii (0.08µm)Insulation ColorBlackInsulation Height0.208*(0.58mn)Contact Length - Post0.128*(3.25mn)Operating Temperature0.128*(3.25mn)Contact Length - Post0.128*(3.25mn)Contact Length - PostUL94 V-0   |                                   |   |  |  |
|---|-----------------------------------|---|--|--|
| Category Connectors, Interconnects   Rectangular Connectors - Headers, Receptacles, Female Sockets   Package -   Series CES   Connector Type Receptacle   Contact Type Female Socket   Style Board to Board   Number of Positions 39   Number of Positions Loaded All   Number of Rows 1   Number of Rows 1   Number of Rows 1   Recentary Solder   Young Type Solder   Nounting Type Solder   Contact Finish - Mating Gold   Contact Finish - Mating Solder   Solari Solder  | Manufacturer Part Number          | CES-139-01-F-S  |  |  |
| Ackage-SeriesCESConnector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions39Number of Positions LoadedIlPitch - Mating0.100° (2.54mm)Number of Rows1Row Spacing - MatingSolderTerminationSolderFastening TypePush-PullContact Finish - MatingGoldStort of Finish - MatingSolderStort of Finish - MatingSolderContact Finish - MatingSolderStort of SolderSolder <t< td=""><td>Manufacturer</td><td>Samtec Inc.</td></t<> | Manufacturer                      | Samtec Inc.   |  |  |
| Package-SeriesCESConnector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions39Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderStatening TypeGoldContact Finish - MatingGoldContact Finish Thickness - MatingJin (0.8µm)Insulation ColorBlackInsulation Height0.200° (5.08mm)Contact Length - Post0.128° (3.25mm)Operating Temperature55°C ~ 125°C   | Category                          | Connectors, Interconnects                                     |  |  |
| SeriesCESConnector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions39Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypeGoldContact Finish - MatingGoldInsulation ColorBiackInsulation Height0.200" (0.8mm)Contact Length - Post0.128" (0.25mm)Operating Temperature-55°C ~ 125°C   |                                   | Rectangular Connectors - Headers, Receptacles, Female Sockets |  |  |
| Connector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions39Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderContact Finish - MatingGoldContact Finish - MatingBiakInsulation ColorBiakInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Package                           | -   |  |  |
| Contact TypeFemale SocketStyleBoard to BoardNumber of Positions39Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C  | Series                            | CES   |  |  |
| StyleBoard to BoardNumber of Positions39Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post5°C ~ 125°C   | Connector Type                    | Receptacle  |  |  |
| Number of Positions 39   Number of Positions Loaded All   Number of Positions Loaded 0.100" (2.54mm)   Pitch - Mating 0.100" (2.54mm)   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 Juin (0.08µm)   Insulation Color Black   Insulation Height 0.200" (5.08mm)   Contact Length - Post 0.128" (3.25mm)   Operating Temperature -55°C ~ 125°C  | Contact Type                      | Female Socket   |  |  |
| Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlackInsulation Color0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Style                             | Board to Board  |  |  |
| Pitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBiackInsulation ColorJ.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C  | Number of Positions               | 39  |  |  |
| Number of Rows1Row Spacing - Mating-Row Spacing - MatingThrough HoleMounting TypeSolderTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJuin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Number of Positions Loaded        | All   |  |  |
| Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJµin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C  | Pitch - Mating                    | 0.100" (2.54mm)   |  |  |
| Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJuin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Number of Rows                    | 1   |  |  |
| TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJµin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C  | Row Spacing - Mating              | -   |  |  |
| Fastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Mounting Type                     | Through Hole  |  |  |
| Contact Finish - MatingGoldContact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C  | Termination                       | Solder  |  |  |
| Contact Finish Thickness - Mating3µin (0.08µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Fastening Type                    | Push-Pull   |  |  |
| Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C   | Contact Finish - Mating           | Gold  |  |  |
| Insulation Height 0.200" (5.08mm)   Contact Length - Post 0.128" (3.25mm)   Operating Temperature -55°C ~ 125°C   | Contact Finish Thickness - Mating | 3µin (0.08µm)   |  |  |
| Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C  | Insulation Color                  | Black   |  |  |
| Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$  | Insulation Height                 | 0.200" (5.08mm)   |  |  |
|   | Contact Length - Post             | 0.128" (3.25mm)   |  |  |
| 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? |

#### **CES-139-01-F-S Guarantees**



#### **Quality Guarantees**

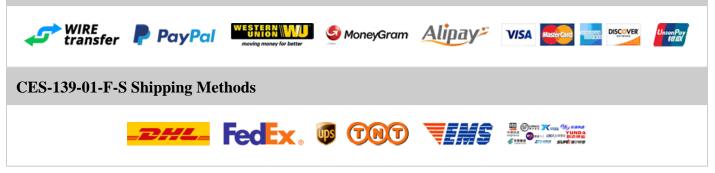
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

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

## **CES-139-01-F-S Payment Methods**



If you have any question about CES-139-01-F-S, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com