

### 316-83-107-41-006101 Information

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For Reference Only

**Part Number** 316-83-107-41-006101

Manufacturer Preci-Dip

**Category** Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** PCB CONN SOLDER TAIL 2.54MM

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.









## 316-83-107-41-006101 Specifications

| Manufacturer Part Number         316-83-107-41-006101           Manufacturer         Preci-Dip           Category         Connectors, Interconnects           Rectangular Connectors - Headers, Receptacles, Female Sockets           Package         -           Series         316           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         7           Number of Positions Loaded         All           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         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.236" (6.00mm)           Contact Length - Post         0.126" (3.20mm)           Operating Temperature         .55°C ~ 125°C           Material Flammability Rating         UL94 V-0 |                                   |   |
|--|-----------------------------------|---|
| Category         Connectors, Interconnects           Package         -           Series         316           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         7           Number of Positions Loaded         All           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         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.236" (6.00mm)           Contact Length - Post         0.126" (3.20mm)           Operating Temperature         -55°C ~ 125°C  | Manufacturer Part Number          | 316-83-107-41-006101  |
| Rectangular Connectors - Headers, Receptacles, Female Sockets  Package - Series 316  Connector Type Socket  Contact Type Female Socket  Style Board to Board  Number of Positions 7  Number of Positions Loaded All  Pitch - Mating 0.100" (2.54mm)  Number of Rows 1  Row Spacing - Mating - Through Hole  Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish - Mating 29.5µin (0.75µm)  Insulation Color Black  Insulation Height 0.236" (6.00mm)  Contact Length - Post 0.126" (3.20mm)  Operating Temperature - 55°C ~ 125°C   | Manufacturer                      | Preci-Dip   |
| Package         -           Series         316           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         7           Number of Positions Loaded         All           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         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.236" (6.00mm)           Contact Length - Post         0.126" (3.20mm)           Operating Temperature         -55°C ~ 125°C   | Category                          | Connectors, Interconnects                                     |
| Series         316           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         7           Number of Positions Loaded         All           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         29.5μin (0.75μm)           Insulation Color         Black           Insulation Height         0.236" (6.00mm)           Contact Length - Post         0.126" (3.20mm)           Operating Temperature         -55°C ~ 125°C   |                                   | Rectangular Connectors - Headers, Receptacles, Female Sockets |
| Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         7           Number of Positions Loaded         All           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         29.5μin (0.75μm)           Insulation Color         Black           Insulation Height         0.236" (6.00mm)           Contact Length - Post         0.126" (3.20mm)           Operating Temperature         -55°C ~ 125°C  | Package                           | -   |
| Contact Type         Female Socket           Style         Board to Board           Number of Positions         7           Number of Positions Loaded         All           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         29.5μin (0.75μm)           Insulation Color         Black           Insulation Height         0.236" (6.00mm)           Contact Length - Post         0.126" (3.20mm)           Operating Temperature         -55°C ~ 125°C  | Series                            | 316   |
| StyleBoard to BoardNumber of Positions7Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C  | Connector Type                    | Socket  |
| Number of Positions7Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)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 - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)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 - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C  | Number of Positions               | 7   |
| Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C   | Number of Positions Loaded        | All   |
| Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C  | Pitch - Mating                    | 0.100" (2.54mm)   |
| Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.236" (6.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C   | Number of Rows                    | 1   |
| Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 29.5 $\mu$ in (0.75 $\mu$ m)  Insulation Color Black  Insulation Height 0.236" (6.00mm)  Contact Length - Post 0.126" (3.20mm)  Operating Temperature -55°C ~ 125°C  | Row Spacing - Mating              | -   |
| Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 29.5 $\mu$ in (0.75 $\mu$ m)  Insulation Color Black  Insulation Height 0.236" (6.00mm)  Contact Length - Post 0.126" (3.20mm)  Operating Temperature -55°C ~ 125°C  | Mounting Type                     | Through Hole  |
| Contact Finish - Mating Gold  Contact Finish Thickness - Mating 29.5 $\mu$ in (0.75 $\mu$ m)  Insulation Color Black  Insulation Height 0.236" (6.00mm)  Contact Length - Post 0.126" (3.20mm)  Operating Temperature -55°C ~ 125°C  | Termination                       | Solder  |
| Contact Finish Thickness - Mating $29.5\mu in (0.75\mu m)$ Insulation Color Black Insulation Height $0.236'' (6.00mm)$ Contact Length - Post $0.126'' (3.20mm)$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$   | Fastening Type                    | Push-Pull   |
| Insulation ColorBlackInsulation Height $0.236"$ ( $6.00mm$ )Contact Length - Post $0.126"$ ( $3.20mm$ )Operating Temperature $-55^{\circ}$ C ~ $125^{\circ}$ C   | Contact Finish - Mating           | Gold  |
| Insulation Height $0.236"$ (6.00mm)Contact Length - Post $0.126"$ (3.20mm)Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$   | Contact Finish Thickness - Mating | 29.5μin (0.75μm)  |
| Contact Length - Post $0.126" (3.20 \text{mm})$<br>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                 | 0.236" (6.00mm)   |
|  | Contact Length - Post             | 0.126" (3.20mm)   |
| 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? |

#### 316-83-107-41-006101 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.

## 316-83-107-41-006101 Payment Methods





















### 316-83-107-41-006101 Shipping Methods













If you have any question about 316-83-107-41-006101, please do not hesitate to contact us!

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