

### 831-83-004-10-230101 Information

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For Reference Only

**Part Number** 831-83-004-10-230101

Manufacturer Preci-Dip

**Category** Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** PCB CONN SOLDER TAIL 2MM

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.









# 831-83-004-10-230101 Specifications

Manufacturer Part Number         831-83-004-10-230101           Manufacturer         Preci-Dip           Category         Connectors, Interconnects           Package         -           Series         831           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Kinked Pin, Solder           Fastening Type         Push-Pull           Contact Finish - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.165" (4.20mm)           Contact Length - Post         0.122" (3.10mm)           Operating Temperature         -55°C ~ 125°C           Material Flammability Rating         UL94 V-0		
Category         Connectors, Interconnects           Package         -           Series         831           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Kinked Pin, Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.165" (4.20mm)           Contact Length - Post         0.122" (3.10mm)           Operating Temperature         -55°C ~ 125°C	Manufacturer Part Number	831-83-004-10-230101
Rectangular Connectors - Headers, Receptacles, Female Sockets  Package - Series 831  Connector Type Socket  Contact Type Female Socket  Style Board to Board  Number of Positions	Manufacturer	Preci-Dip Preci-Dip
Package         -           Series         831           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         4           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Through Hole           Termination         Kinked Pin, Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.165" (4.20mm)           Contact Length - Post         0.122" (3.10mm)           Operating Temperature         -55°C ~ 125°C	Category	Connectors, Interconnects
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Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions4Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.165" (4.20mm)Contact Length - Post0.122" (3.10mm)Operating Temperature-55°C ~ 125°C	Package	-
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Pitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.165" (4.20mm)Contact Length - Post0.122" (3.10mm)Operating Temperature-55°C ~ 125°C	Number of Positions	4
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.165" (4.20mm)Contact Length - Post0.122" (3.10mm)Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All
Row Spacing - Mating-Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.165" (4.20mm)Contact Length - Post0.122" (3.10mm)Operating Temperature-55°C ~ 125°C	Pitch - Mating	0.079" (2.00mm)
Mounting TypeThrough HoleTerminationKinked Pin, SolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.165" (4.20mm)Contact Length - Post0.122" (3.10mm)Operating Temperature-55°C ~ 125°C	Number of Rows	1
Termination Kinked Pin, 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 0.165" (4.20mm)  Contact Length - Post 0.122" (3.10mm)  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 0.165" (4.20mm)  Contact Length - Post 0.122" (3.10mm)  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 0.165" (4.20mm)  Contact Length - Post 0.122" (3.10mm)  Operating Temperature -55°C ~ 125°C	Termination	Kinked Pin, Solder
Contact Finish Thickness - Mating $29.5\mu in (0.75\mu m)$ Insulation Color Black  Insulation Height $0.165'' (4.20mm)$ Contact Length - Post $0.122'' (3.10mm)$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height $0.165"$ (4.20mm)Contact Length - Post $0.122"$ (3.10mm)Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Contact Finish - Mating	Gold
Insulation Height $0.165"$ (4.20mm)Contact Length - Post $0.122"$ (3.10mm)Operating Temperature $-55$ °C ~ $125$ °C	Contact Finish Thickness - Mating	29.5μin (0.75μm)
Contact Length - Post $0.122" (3.10mm)$ 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	0.165" (4.20mm)
	Contact Length - Post	0.122" (3.10mm)
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?

### 831-83-004-10-230101 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.

# 831-83-004-10-230101 Payment Methods



















### 831-83-004-10-230101 Shipping Methods













If you have any question about 831-83-004-10-230101, please do not hesitate to contact us!

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