

### 831-83-010-30-001101 Information

www.heisener.com

For Reference Only

**Part Number** 831-83-010-30-001101

Manufacturer Preci-Dip

**Category** Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** PCB CONN SURFACE MOUNT 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.









## 831-83-010-30-001101 Specifications

Manufacturer Part Number         831-83-010-30-001101           Manufacturer         Preci-Dip           Category         Connectors, Interconnects           Package         -           Series         831           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         10           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Qo           Contact Finish Thickness - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.228" (5.80mm)           Contact Length - Post         -           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         10           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.228" (5.80mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C	Manufacturer Part Number	831-83-010-30-001101		
Rectangular Connectors - Headers, Receptacles, Female Sockets  Package Series 831 Connector Type Socket Contact Type Female Socket Style Board to Board Number of Positions 10 Number of Positions Loaded All Pitch - Mating Number of Rows 1 Row Spacing - Mating - Mounting Type Surface Mount Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating Insulation Color Black Insulation Height Contact Length - Post Operating Temperature  -55°C ~ 125°C	Manufacturer	Preci-Dip		
Package         -           Series         831           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         10           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.228" (5.80mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C	Category	Connectors, Interconnects		
Series         831           Connector Type         Socket           Contact Type         Female Socket           Style         Board to Board           Number of Positions         10           Number of Positions Loaded         All           Pitch - Mating         0.079" (2.00mm)           Number of Rows         1           Row Spacing - Mating         -           Mounting Type         Surface Mount           Termination         Solder           Fastening Type         Push-Pull           Contact Finish - Mating         Gold           Contact Finish Thickness - Mating         29.5µin (0.75µm)           Insulation Color         Black           Insulation Height         0.228" (5.80mm)           Contact Length - Post         -           Operating Temperature         -55°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets		
Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Package	-		
Contact TypeFemale SocketStyleBoard to BoardNumber of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Series	831		
Style Board to Board  Number of Positions 10  Number of Positions Loaded All  Pitch - Mating 0.079" (2.00mm)  Number of Rows 1  Row Spacing - Mating -  Mounting Type Surface Mount  Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Gold  Contact Finish Thickness - Mating 29.5µin (0.75µm)  Insulation Color Black  Insulation Height 0.228" (5.80mm)  Contact Length - Post -  Operating Temperature -55°C ~ 125°C	Connector Type	Socket		
Number of Positions10Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Contact Type	Female Socket		
Number of Positions LoadedAllPitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Style	Board to Board		
Pitch - Mating0.079" (2.00mm)Number of Rows1Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Number of Positions	10		
Number of Rows1Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All		
Row Spacing - Mating-Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Pitch - Mating	0.079" (2.00mm)		
Mounting TypeSurface MountTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.228" (5.80mm)Contact Length - Post-Operating Temperature-55°C ~ 125°C	Number of Rows	1		
Termination Solder Fastening Type Push-Pull Contact Finish - Mating Gold Contact Finish Thickness - Mating 29.5μin (0.75μm) Insulation Color Black Insulation Height 0.228" (5.80mm) Contact Length - Post - Operating Temperature -55°C ~ 125°C	Row Spacing - Mating	-		
Fastening Type  Push-Pull  Contact Finish - Mating  Gold  Contact Finish Thickness - Mating  Insulation Color  Black  Insulation Height  0.228" (5.80mm)  Contact Length - Post  Operating Temperature  Push-Pull  Gold  -55°C ~ 125°C	Mounting Type	Surface Mount		
Contact Finish - Mating Gold  Contact Finish Thickness - Mating 29.5 $\mu$ in (0.75 $\mu$ m)  Insulation Color Black  Insulation Height 0.228" (5.80mm)  Contact Length - Post -  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 $0.228'' (5.80mm)$ Contact Length - Post - Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$	Fastening Type	Push-Pull		
Insulation Color  Black Insulation Height  0.228" (5.80mm)  Contact Length - Post  Operating Temperature  -55°C ~ 125°C	Contact Finish - Mating	Gold		
Insulation Height $0.228" (5.80mm)$ Contact Length - Post -  Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Contact Finish Thickness - Mating	29.5μin (0.75μm)		
Contact Length - Post - $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Insulation Color	Black		
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Insulation Height	0.228" (5.80mm)		
	Contact Length - Post	-		
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?

#### 831-83-010-30-001101 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.

## 831-83-010-30-001101 Payment Methods





















### 831-83-010-30-001101 Shipping Methods













If you have any question about 831-83-010-30-001101, please do not hesitate to contact us!

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