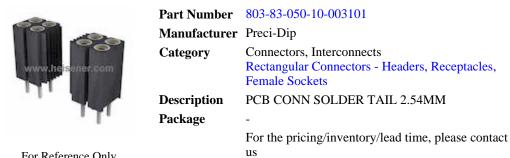


# 803-83-050-10-003101

### 803-83-050-10-003101 Information





For Reference Only

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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.



# 803-83-050-10-003101 Specifications

ManufacturerPreci-DipCategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-Series803Connector TypeSocketContact TypeBoard to BoardStyleBoard to BoardNumber of Positions50Number of Positions LoadedAllPich - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mn)Mounting TypeNough HoleTerminationSolderFastening TypeOsderContact Finish - MatingOsderContact Finish - MatingGoldStation ColorBackIsulation ColorBackIsulation Height0.312" (7.92mm)Contact English - Mating0.121" (3.08mm)Operating Temperature55° C~ 125°C			
CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-Series803Connector TypeSocketContact TypeBoard to BoardNumber of Positions50Number of Positions LoadedAllNumber of Rows2Row Spacing - MatingNolo" (2.54mm)Mounting TypeInfoug HoleMounting TypeSolderFreminationSolderFreminationSolderForta Finish - MatingGoldContact Finish - Mating9.5µ(n.05µm)Insulation ColorBlackInsulation Finish - Mating0.312" (7.92nm)Contact Finish Thickness - Mating0.312" (7.92nm)Contact Finish Thickness - Mating0.312" (7.92nm)Contact Length - Post0.121" (3.08mm)Contact Length - Post55°C ~ 125°C	Manufacturer Part Number	803-83-050-10-003101	
Rectangular Connectors - Headers, Receptacles, Female Sockets   Package -   Series 803   Connector Type Socket   Contact Type Board to Board   Number of Positions 50   Number of Positions Loaded All   Pitch - Mating 0.100" (2.54mm)   Number of Rows 2   Row Spacing - Mating 0.100" (2.54mm)   Mounting Type Through Hole   Termination Solder   Fastening Type Push-Pull   Contact Finish - Mating Gold   Contact Finish Thickness - Mating 3.52"(7.92mm)   Insulation Color Black   Insulation Height 0.312" (7.92mm)   Operating Temperature -55°C ~ 125°C	Manufacturer	Preci-Dip	
Package.Series803Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions50Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting Type0.100° (2.54mm)Mounting TypeDi Olor (2.54mm)FerninationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating9.55in (0.75µm)Insulation ColorBlackInsulation Height0.312″ (3.08mm)Operating Temperature55°C~ 125°C	Category	Connectors, Interconnects	
Series803Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions50Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypeOudContact Finish - MatingGoldContact Finish - Mating9.5yin (0.75µm)Insulation ColorBlackInsulation Height0.312" (3.08mm)Operating Temperature-55°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets	
Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions50Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderGontact Finish - MatingGoldContact Finish - Mating9.5 Sin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Package	-	
Contact TypeFemale SocketStyleBoard to BoardNumber of Positions50Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Series	803	
StyleBoard to BoardNumber of Positions50Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting Type0.100" (2.54mm)TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating9.5µin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Operating Temperature-55°C ~ 125°C	Connector Type	Socket	
Number of Positions 50   Number of Positions Loaded All   Pitch - Mating 0.100" (2.54mm)   Number of Rows 2   Row Spacing - Mating 0.100" (2.54mm)   Mounting Type 0.100" (2.54mm)   Termination 0.100" (2.54mm)   Termination Solder   Fastening Type Push-Pull   Contact Finish - Mating Gold   Contact Finish Thickness - Mating 9.5µin (0.75µm)   Insulation Color Black   Insulation Height 0.312" (7.92mm)   Contact Length - Post 0.121" (3.08mm)	Contact Type	Female Socket	
Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlackInsulation ColorSlalz" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Style	Board to Board	
Pitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlackInsulation ColorJ.12" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Number of Positions	50	
Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All	
Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating9.5µin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)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 Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Number of Rows	2	
TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5μin (0.75μm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Row Spacing - Mating	0.100" (2.54mm)	
Fastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Mounting Type	Through Hole	
Contact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Termination	Solder	
Contact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Fastening Type	Push-Pull	
Insulation ColorBlackInsulation Height0.312" (7.92mm)Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Contact Finish - Mating	Gold	
Insulation Height 0.312" (7.92mm)   Contact Length - Post 0.121" (3.08mm)   Operating Temperature -55°C ~ 125°C	Contact Finish Thickness - Mating	29.5µin (0.75µm)	
Contact Length - Post0.121" (3.08mm)Operating Temperature-55°C ~ 125°C	Insulation Color	Black	
Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$	Insulation Height	0.312" (7.92mm)	
	Contact Length - Post	0.121" (3.08mm)	
	Operating Temperature	-55°C ~ 125°C	
Material Flammability Rating UL94 V-0	Material Flammability Rating	UL94 V-0	

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

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

## 803-83-050-10-003101 Guarantees



#### **Quality Guarantees**

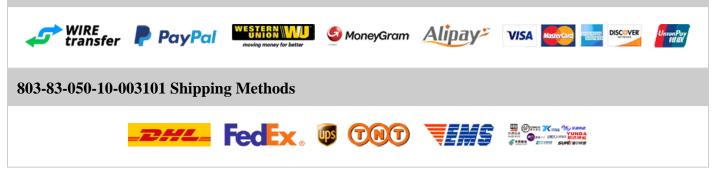
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

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

# 803-83-050-10-003101 Payment Methods



If you have any question about 803-83-050-10-003101, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com