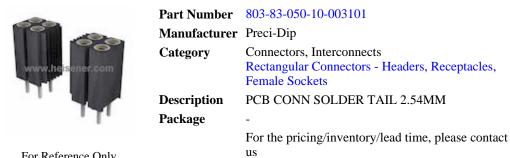


803-83-050-10-003101

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

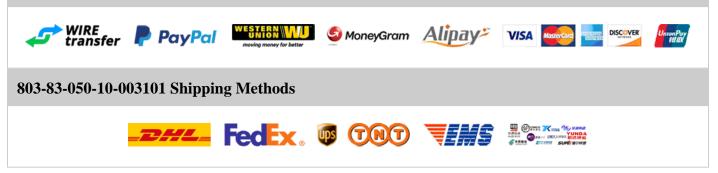
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



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