

# 416-83-218-41-004101

#### 416-83-218-41-004101 Information



## **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.



## 416-83-218-41-004101 Specifications

Manufacturer Part Number416-83-218-41-004101ManufacturerPreci-DipCategoryConnectors, InterconnectsPackage-Package-Series416Contact TypeSocketContact TypeBoard to BoardStyleBoard to BoardNumber of Positions18Number of Rows2Number of Rows0.100° (2.54mm)Munufa Type0.100° (2.54mm)Number of Rows0.100° (2.54mm)TerninationSolderTerninationSolderContact Firish - Mating0.100° (2.54mm)Munufa TypeGoldStopeSolderTerninationSolderTerninationSolderContact Firish - MatingSolderContact Firish - MatingSolderStopeSolderStation ColorBackContact Firish Thickness - MatingSole" (2.00mm)Contact Lingth -				
CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-Series416Connector TypeSocketContact TypeBoard to BoardNumber of Positions18Number of Positions LoadedAllNumber of Rows2Row Spacing - Mating0.100° (2.54mm)Number of Rows0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting TypeThrough HoleFreminationSolderContact Finish - Mating0.50Oratact Finish - MatingGoldContact Finish - Mating9.5µ(n.05µm)Insulation ColorBlackInsulation Flephet0.566° (22.00mn)Contact Length - Post0.126° (3.00mn)Contact Length - Post0.58° c - 125°C	Manufacturer Part Number	416-83-218-41-004101		
Rectangular Connectors - Headers, Receptacles, Female SocketsPackage-Series416Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypeQuidContact Finish - MatingGoldContact Finish Thickness - Mating9.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866° (22.00mm)Contact Length - Post0.126° (3.20mm)Operating Temperature-55°C ~ 125°C	Manufacturer	Preci-Dip		
Package-Series416Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting TypeDi Olor (2.54mm)Yourge TypeSockerFerninationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating9.55µ(0.75µm)Insulation ColorBlackInsulation Height0.866° (22.00mm)Contact Length - Post0.126° (3.20mm)Contact Fungt - Post0.126° (3.20mm)Contact Fungt - Post0.55° C~ 125°C	Category	Connectors, Interconnects		
Series416Connector TypeSocketContact TypeFemale SocketStyleBoard to BoardNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderContact Finish - Mating0.40Contact Finish - MatingGoldSolator Solator9.5µín (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Fungh - Post0.126" (3.20mm)Contact Fungh - Post0.126" (3.20mm)		Rectangular Connectors - Headers, Receptacles, Female Sockets		
Connector TypeSocketContact TypeFenale SocketStyleBoard to BoardNumber of Positions18Number of Positions LoadedAllNumber of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeOn100" (2.54mm)YenninationSolderFareninationSolderContact Finish - MatingSolderContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post.55°C ~ 125°C	Package	-		
Contact TypeFemale SocketStyleBoard to BoardNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating0.9.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Series	416		
StyleBoard to BoardNumber of Positions18Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting Type0.100" (2.54mm)TerminationSolderFastening TypePush-PullContact Finish - Mating0.9.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Connector Type	Socket		
Number of Positions 18   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 0.866" (22.00mm)   Contact Length - Post 0.126" (3.20mm)	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 ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)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 ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post55°C ~ 125°C	Number of Positions	18		
Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)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 Height0.866" (22.00mm)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 Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Number of Rows	2		
TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)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 Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Mounting Type	Through Hole		
Contact Finish - MatingGoldContact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Termination	Solder		
Contact Finish Thickness - Mating29.5µin (0.75µm)Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Fastening Type	Push-Pull		
Insulation ColorBlackInsulation Height0.866" (22.00mm)Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Contact Finish - Mating	Gold		
Insulation Height 0.866" (22.00mm)   Contact Length - Post 0.126" (3.20mm)   Operating Temperature -55°C ~ 125°C	Contact Finish Thickness - Mating	29.5µin (0.75µm)		
Contact Length - Post0.126" (3.20mm)Operating Temperature-55°C ~ 125°C	Insulation Color	Black		
Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$	Insulation Height	0.866" (22.00mm)		
	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?

### 416-83-218-41-004101 Guarantees



#### **Quality Guarantees**

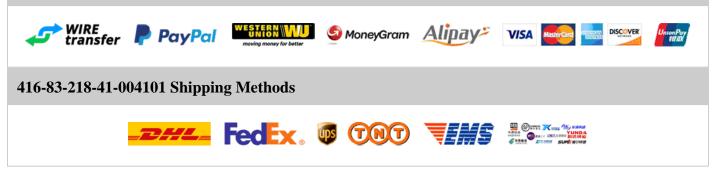
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

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

### 416-83-218-41-004101 Payment Methods



If you have any question about 416-83-218-41-004101, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com