

# M20-7831646

### M20-7831646 Information

Heisener.com	Part Number Manufacturer Category Description Package	M20-7831646 Harwin Inc. Connectors, Interconnects Rectangular Connectors - Headers, Receptacles, Female Sockets 16+16 DIL VERT SOCKET L/FREE	
For Reference Only		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.



# M20-7831646 Specifications

Manufacturer Part Number M20-7831646   Manufacturer Harwin Inc.   Category Connectors, Interconnects   Rectangular Connectors - Headers, Receptacles, Female Sockets   Package -   Series M20   Connector Type Receptacles, Temale Sockets   Connector Type Receptacle   Connector Type Seriels Socket   Style Board or Cable   Number of Positions Sal   Number of Positions Loaded All   Pich - Mating 0.100" (2.54mm)   Mumufar Type Inrough Hole   Number of Rows 2   Row Spacing - Mating Solder   Mounting Type Push-Pull   Contact Finish - Mating Solder   Contact Finish - Mating -   Contact Finish Thickness - Mating -   Insulation Color Sils (S.51mm)   Contact Length - Post 0.118" (3.00mm)   Oratic Length - Post 0.118" (3.00mm)		
CategoryConnectors, InterconnectsRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesM20Connector TypeReceptacleContact TypeReceptacleContact TypeBoard to Board or CableStyleBoard to Board or CableNumber of Positions32Number of Positions LoadedAllNumber of Rows2Row Spacing - Mating0.100° (2.54mm)Number of Rows0.100° (2.54mm)Number of Rows2Row Spacing - MatingSolderTerminationSolderFastening TypePush-PullContact Finish - Mating-Insulation ColorBlackInsulation ColorSlas? (8.51mm)Insulation Height0.335° (8.51mm)Contact Length - Post0.118° (3.00mn)Operating Temperature-40°C ~ 105°C	Manufacturer Part Number	M20-7831646
Ackage .   Series M20   Connector Type Receptacle   Contact Type Receptacle   Style Board to Board or Cable   Number of Positions 32   Number of Positions Loaded All   Prich - Mating 0.100" (2.54mm)   Number of Rows 2   Row Spacing - Mating 0.100" (2.54mm)   Mounting Type Through Hole   Yourd - Mating Solder   Fermination Solder   Fornitation Solder   Fornitation Solder   Fusuelin Type Tin   Contact Finish - Mating -   Insulation Color Black   Insulation Height 0.335" (8.51mm)   Contact Length - Post 0.118" (3.00mm)	Manufacturer	Harwin Inc.
Package-SeriesM20Connector TypeReceptacleContact TypeFemale SocketStyleBoard to Board or CableNumber of Positions32Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting Type0.100° (2.54mm)TerminationSolderFastening TypeVanbe PollContact Finish - MatingSolderContact Finish - Mating-Insulation ColorBackInsulation Finish - Mating-SolderSolderInsulation Finish - Mating-Insulation Finish - Mating-Insula	Category	Connectors, Interconnects
SeriesM20Connector TypeReceptacleContact TypeFemale SocketStyleBoard to Board or CableNumber of Positions32Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting TypeOlon0° (2.54mm)Yenning TypeSolderFarening TypeSolderForster Finish - MatingSolderContact Finish - Mating-Insulation ColorBackInsulation Finish - Mating0.33° (8.51mm)Contact Length - Post0.118° (3.00mm)Operating Temperature40°C ~ 105°C		Rectangular Connectors - Headers, Receptacles, Female Sockets
Connector TypeReceptacleContact TypeFemale SocketStyleBoard to Board or CableNumber of Positions32Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting Type0.100" (2.54mm)TerminationSolderFastening TypeVash-PullContact Finish - MatingSolderInsulation ColorInaInsulation ColorBackInsulation Height0.335" (8.51mm)Contact Funger-Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Package	-
Contact TypeFemale SocketStyleBoard to Board or CableNumber of Positions32Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows2Row Spacing - Mating0.100° (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating-Insulation ColorBlackInsulation Height0.335° (8.51mm)Contact Fungt- Post0.118° (3.00mm)Operating Temperature40°C ~ 105°C	Series	M20
StyleBoard to Board or CableNumber of Positions32Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting Type0.100" (2.54mm)TerminationSolderFastening TypePush-PullContact Finish - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature40°C ~ 105°C	Connector Type	Receptacle
Number of Positions32Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	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 - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature40°C ~ 105°C	Style	Board to Board or Cable
Pitch - Mating0.100" (2.54mm)Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating-Routing ColorBlackInsulation Color0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Number of Positions	32
Number of Rows2Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Number of Positions Loaded	All
Row Spacing - Mating0.100" (2.54mm)Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating-Contact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Pitch - Mating	0.100" (2.54mm)
Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature40°C ~ 105°C	Number of Rows	2
TerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Row Spacing - Mating	0.100" (2.54mm)
Fastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature40°C ~ 105°C	Mounting Type	Through Hole
Contact Finish - MatingTinContact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Termination	Solder
Contact Finish Thickness - Mating-Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Fastening Type	Push-Pull
Insulation ColorBlackInsulation Height0.335" (8.51mm)Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Contact Finish - Mating	Tin
Insulation Height 0.335" (8.51mm)   Contact Length - Post 0.118" (3.00mm)   Operating Temperature -40°C ~ 105°C	Contact Finish Thickness - Mating	-
Contact Length - Post0.118" (3.00mm)Operating Temperature-40°C ~ 105°C	Insulation Color	Black
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Insulation Height	0.335" (8.51mm)
	Contact Length - Post	0.118" (3.00mm)
Material Elementative Dating	Operating Temperature	-40°C ~ 105°C
Material Flammaolinty Rating 0L94 V-0	Material Flammability Rating	UL94 V-0

Contact Finish - Post	Tin
Mated Stacking Heights	11.04mm, 12.63mm
Ingress Protection	-
Features	-
	Report errors?

### M20-7831646 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.



If you have any question about M20-7831646, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com