

# CES-140-01-G-S

# **CES-140-01-G-S 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.



### **CES-140-01-G-S Specifications**

Manufacturer Part NumberCES-140-01-G-SManufacturerSamtec Inc.CategoryConnectors, InterconnectsPackage-SeriesCESConnector TypeRecptacles, Fenale SocketsContact TypeRecptacleContact TypeBoard to BoardNumber of Positions40Number of Positions Loaded1Number of Rows1Number of Rows1Number of Rows1Serieng TypeSolderSerieng TypeSolderStringt TypeSolder<				
Category Connectors, Interconnects   Rectangular Connectors - Headers, Receptacles, Female Sockets   Package -   Series CES   Connector Type Receptacle   Contact Type Female Socket   Style Board to Board   Number of Positions 40   Number of Positions Loaded All   Number of Rows 1   Number of Rows 1   Number of Rows 1   Number of Rows Solder   Termination Solder   Contact Finish - Mating Gold   Contact Finish - Mating Quin (0.51µm)   Solar Solder   Station Color Black   Contact Finish - Mating Quin (0.51µm)   Solar Solar   Solar Solar   Solar Solar   Contact Finish - Mating Quin (0.51µm)   Solar Solar   Solar Solar   Contact Finish Thickness - Mating Quin (0.51µm)   Insulation Height Quin	Manufacturer Part Number	CES-140-01-G-S		
ActionRectangular Connectors - Headers, Receptacles, Female SocketsPackage-SeriesCESConnector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions40Number of Positions LoadedIlPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypeOgli (0.51µm)Contact Finish - MatingOgli (0.51µm)Contact Finish Thickness - MatingOgli (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Manufacturer	Samtec Inc.		
Package-SeriesCESConnector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions40Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeOsderTerminationSolderSteining TypeOidContact Finish - MatingGoldContact Finish - MatingOjuni (0.51µm)Sublation ColorBlackInsulation Height0.200° (5.08mm)Contact Length - Post0.128° (3.25mm)Operating Temperature55°C ~ 125°C	Category	Connectors, Interconnects		
SeriesCESConnector TypeReceptacleContact TypeFemale SocketStyleBoard to BoardNumber of Positions40Number of Positions LoadedAllPitch - Mating0.100° (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleFerninationSolderContact Finish - Mating0.101Outact Finish - MatingGoldSoltar Finish - MatingBiackContact Finish - Mating1.001Contact Finish - Mating0.200° (5.08mm)Insulation Color0.128° (3.25mm)Contact Length - Post55°C ~ 125°C		Rectangular Connectors - Headers, Receptacles, Female Sockets		
Connector TypeReceptacleConnector TypeFemale SocketStyleBoard to BoardNumber of Positions40Number of Positions LoadedAllNumber of Positions Loaded0.100° (2.54mm)Number of Rows1Number of Rows-Number of Rows1Row Spacing - Mating-SolderSolderTerminationSolderContact Finish - MatingGoldContact Finish - MatingGoldInsulation ColorBlackInsulation Height0.200° (5.08mm)Contact Length - Post0.128° (3.25mm)Operating Temperature-55°C ~ 125°C	Package	-		
Contact TypeFenale SocketStyleBoard to BoardNumber of Positions40Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Series	CES		
Style Board to Board   Number of Positions 40   Number of Positions Loaded All   Pitch - Mating 0.100" (2.54mm)   Number of Rows 1   Row Spacing - Mating -   Mounting Type Through Hole   Solder Solder   Fastening Type Push-Pull   Contact Finish - Mating Gold   Insulation Color Black   Insulation Height 0.200" (5.08mm)   Contact Length - Post 0.128" (3.25mm)	Connector Type	Receptacle		
Number of Positions 40   Number of Positions Loaded All   Pitch - Mating 0.100" (2.54mm)   Number of Rows 1   Row Spacing - Mating -   Mounting Type Through Hole   Termination Solder   Fastening Type Push-Pull   Contact Finish - Mating Gold   Contact Finish Thickness - Mating Jupin (0.51µm)   Insulation Color Black   Insulation Height 0.200" (5.08mm)   Operating Temperature -55°C ~ 125°C	Contact Type	Female Socket		
Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingJupin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Style	Board to Board		
Pitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - MatingBlackInsulation Color0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Number of Positions	40		
Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Number of Positions Loaded	All		
Row Spacing - Mating-Row Spacing - MatingThrough HoleMounting TypeSolderTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Pitch - Mating	0.100" (2.54mm)		
Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Number of Rows	1		
TerminationSolderFastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Row Spacing - Mating	-		
Fastening TypePush-PullContact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Mounting Type	Through Hole		
Contact Finish - MatingGoldContact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Termination	Solder		
Contact Finish Thickness - Mating20µin (0.51µm)Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Fastening Type	Push-Pull		
Insulation ColorBlackInsulation Height0.200" (5.08mm)Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Contact Finish - Mating	Gold		
Insulation Height 0.200" (5.08mm)   Contact Length - Post 0.128" (3.25mm)   Operating Temperature -55°C ~ 125°C	Contact Finish Thickness - Mating	20µin (0.51µm)		
Contact Length - Post0.128" (3.25mm)Operating Temperature-55°C ~ 125°C	Insulation Color	Black		
Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$	Insulation Height	0.200" (5.08mm)		
	Contact Length - Post	0.128" (3.25mm)		
Material Flammability Rating UL94 V-0	Operating Temperature	-55°C ~ 125°C		
	Material Flammability Rating	UL94 V-0		

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

### **CES-140-01-G-S Guarantees**



#### **Quality Guarantees**

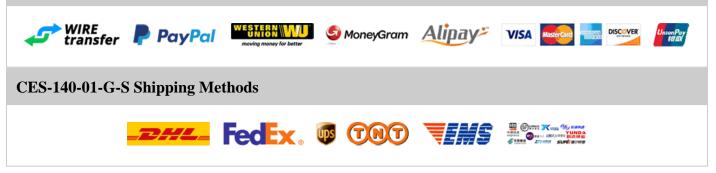
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

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

# **CES-140-01-G-S Payment Methods**



If you have any question about CES-140-01-G-S, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com