

### **0022027153 Information**

Heisener.com

For Reference Only

**Part Number** 0022027153 **Manufacturer** Molex, LLC

Category Connectors, Interconnects

Rectangular Connectors - Headers, Receptacles,

Female Sockets

**Description** KK 100 PCB ASSY TOP 15POS TIN

Package -

For the pricing/inventory/lead time, please contact

us

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



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### **Certified Quality**

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# 0022027153 Specifications

| Manufacturer Part Number         0022027153           Manufacturer         Molex, LLC           Category         Connectors, Interconnects           Rectangular Connectors - Headers, Receptacles, Female Sockets           Package         -           Series         KK? 4455           Connector Type         Receptacle           Contact Type         Non-Gendered           Style         Board to Board or Cable           Number of Positions         15           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         Tin           Contact Finish Thickness - Mating         100µin (2.54µm)           Insulation Color         White           Insulation Height         0.311" (7.90mm)           Contact Length - Post         0.132" (3.35mm)           Operating Temperature         40°C ~ 80°C           Material Flammability Rating         UL94 V-0 |                                   |                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------|
| Category         Connectors, Interconnects           Package         -           Series         KK? 4455           Connector Type         Receptacle           Contact Type         Non-Gendered           Style         Board to Board or Cable           Number of Positions         15           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         Tin           Contact Finish Thickness - Mating         100µin (2.54µm)           Insulation Color         White           Insulation Height         0.311" (7.90mm)           Contact Length - Post         0.132" (3.35mm)           Operating Temperature         -40°C ~ 80°C                                                                                                                                                                                                                                | Manufacturer Part Number          | 0022027153                                                    |
| Package-SeriesKK? 4455Connector TypeReceptacleContact TypeNon-GenderedStyleBoard to Board or CableNumber of Positions15Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - Mating100μin (2.54μm)Contact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturer                      | Molex, LLC                                                    |
| Package         -           Series         KK? 4455           Connector Type         Receptacle           Contact Type         Non-Gendered           Style         Board to Board or Cable           Number of Positions         15           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         Tin           Contact Finish Thickness - Mating         100μin (2.54μm)           Insulation Color         White           Insulation Height         0.311" (7.90mm)           Contact Length - Post         0.132" (3.35mm)           Operating Temperature         -40°C ~ 80°C                                                                                                                                                                                                                                                                                     | Category                          | Connectors, Interconnects                                     |
| SeriesKK? 4455Connector TypeReceptacleContact TypeNon-GenderedStyleBoard to Board or CableNumber of Positions15Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   | Rectangular Connectors - Headers, Receptacles, Female Sockets |
| Connector TypeReceptacleContact TypeNon-GenderedStyleBoard to Board or CableNumber of Positions15Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Package                           | -                                                             |
| Contact Type         Non-Gendered           Style         Board to Board or Cable           Number of Positions         15           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         Tin           Contact Finish Thickness - Mating         100µin (2.54µm)           Insulation Color         White           Insulation Height         0.311" (7.90mm)           Contact Length - Post         0.132" (3.35mm)           Operating Temperature         -40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                               | Series                            | KK? 4455                                                      |
| StyleBoard to Board or CableNumber of Positions15Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100µin (2.54µm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Connector Type                    | Receptacle                                                    |
| Number of Positions15Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Contact Type                      | Non-Gendered                                                  |
| Number of Positions LoadedAllPitch - Mating0.100" (2.54mm)Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Style                             | Board to Board or Cable                                       |
| Pitch - Mating $0.100"$ ( $2.54mm$ )Number of Rows $1$ Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating $100\mu$ in ( $2.54\mu$ m)Insulation ColorWhiteInsulation Height $0.311"$ ( $7.90$ mm)Contact Length - Post $0.132"$ ( $3.35$ mm)Operating Temperature $-40$ °C ~ $80$ °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Number of Positions               | 15                                                            |
| Number of Rows1Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Number of Positions Loaded        | All                                                           |
| Row Spacing - Mating-Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating100μin (2.54μm)Insulation ColorWhiteInsulation Height0.311" (7.90mm)Contact Length - Post0.132" (3.35mm)Operating Temperature-40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Pitch - Mating                    | 0.100" (2.54mm)                                               |
| Mounting TypeThrough HoleTerminationSolderFastening TypePush-PullContact Finish - MatingTinContact Finish Thickness - Mating $100\mu$ in (2.54μm)Insulation ColorWhiteInsulation Height $0.311$ " (7.90mm)Contact Length - Post $0.132$ " (3.35mm)Operating Temperature $-40$ °C ~ $80$ °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Number of Rows                    | 1                                                             |
| Termination Solder  Fastening Type Push-Pull  Contact Finish - Mating Tin  Contact Finish Thickness - Mating $100\mu$ in $(2.54\mu$ m)  Insulation Color White  Insulation Height $0.311''$ $(7.90\text{mm})$ Contact Length - Post $0.132''$ $(3.35\text{mm})$ Operating Temperature $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Row Spacing - Mating              | -                                                             |
| Fastening Type Push-Pull  Contact Finish - Mating Tin  Contact Finish Thickness - Mating $100\mu$ in $(2.54\mu$ m)  Insulation Color White  Insulation Height $0.311$ " $(7.90$ mm)  Contact Length - Post $0.132$ " $(3.35$ mm)  Operating Temperature $-40$ °C $\sim 80$ °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mounting Type                     | Through Hole                                                  |
| Contact Finish - Mating Tin  Contact Finish Thickness - Mating $100\mu$ in (2.54 $\mu$ m)  Insulation Color White  Insulation Height $0.311$ " (7.90mm)  Contact Length - Post $0.132$ " (3.35mm)  Operating Temperature $-40$ °C $\sim 80$ °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Termination                       | Solder                                                        |
| Contact Finish Thickness - Mating 100 $\mu$ in (2.54 $\mu$ m)  Insulation Color White  Insulation Height 0.311" (7.90mm)  Contact Length - Post 0.132" (3.35mm)  Operating Temperature -40°C ~ 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fastening Type                    | Push-Pull                                                     |
| Insulation ColorWhiteInsulation Height $0.311"$ (7.90mm)Contact Length - Post $0.132"$ (3.35mm)Operating Temperature $-40$ °C ~ $80$ °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Contact Finish - Mating           | Tin                                                           |
| Insulation Height $0.311" (7.90 \text{mm})$<br>Contact Length - Post $0.132" (3.35 \text{mm})$<br>Operating Temperature $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Contact Finish Thickness - Mating | 100μin (2.54μm)                                               |
| Contact Length - Post $0.132" (3.35mm)$<br>Operating Temperature $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Insulation Color                  | White                                                         |
| Operating Temperature $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Insulation Height                 | 0.311" (7.90mm)                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Contact Length - Post             | 0.132" (3.35mm)                                               |
| Material Flammability Rating UL94 V-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Operating Temperature             | -40°C ~ 80°C                                                  |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Material Flammability Rating      | UL94 V-0                                                      |

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

#### **0022027153 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.

## 0022027153 Payment Methods



















### 0022027153 Shipping Methods













If you have any question about 0022027153, please do not hesitate to contact us!

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