

Datasheet for 76650-0001

General Information

Kit Part Number:	76650-0001
Connector Type:	Wire-to-Wire
Solution:	Power Connectors
Molex Family:	HCS-125
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	1, 2, 3, 4
Current Rating:	12-20A
Mounting Style:	Free-Hanging, Panel Mount
Orientation:	Plugs, Receptacles
Pitch:	8.38mm (.330")
Tool Included:	Yes
Voltage Rating:	600V
Wire Gauge (AWG):	14-10, 18-16

Product Highlights

The Molex HCS-125 Family is a high current, economical power pin and socket wire-to-wire power connector. Capable of carrying up to 20 amperes per circuit in a wire-to-wire configuration. These connectors are Dual gender housings, can take either pins or sockets.

Features and Benefits

- The HCS-125 Family is an enhanced version of the Molex proven .125" system and meets the need for a connector system rated at greater than the industry standard 12.0A per circuit
- Positive locks prevent accidental unmating
- Fully isolated terminals protect terminals
- Pull tabs

Applications

- Residential or commercial appliances
- HVAC equipment
- Computer servers
- Networking equipment
- Office equipment
- Fitness equipment
- Medical equipment
- Retail Security Scanning Systems

Bill of Materials

Molex Part No.	Description	Quantity
03-12-1016	8.38mm (.330") Pitch, HCS-125 Receptacle, 1 Circuit	10
03-12-1026	8.38mm (.330") Pitch, HCS-125 Receptacle, 2 Circuits	5
03-12-1036	8.38mm (.330") Pitch HCS-125 Receptacle, 3 Circuits	5
03-12-1046	8.38mm (.330") Pitch, HCS-125 Receptacle, 4 Circuits	5
03-12-2016	8.38mm (.330") Pitch, HCS-125 Free-Hanging Plug, 1 Circuit	10
03-12-2026	8.38mm (.330") Pitch, HCS-125 Free-Hanging Plug, 2 Circuits	5
03-12-2035	8.38mm (.330") Pitch, HCS-125 Panel Mount Plug, 3 Circuits	5
03-12-2045	8.38mm (.330") Pitch, HCS-125 Panel Mount Plug, 4 Circuits	5
18-12-1222	3.18mm (.125") Diameter Female Crimp Terminal, 18-16 AWG	25
18-12-1602	3.18mm (.125") Diameter Female Crimp Terminal, 14-10 AWG	25
18-12-2222	3.18mm (.125") Diameter Male Crimp Terminal, 18-16 AWG	25
18-12-2602	3.18mm (.125") Diameter Male Crimp Terminal, 14-10 AWG	25
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1

Recommended Molex Tool

Molex Part No.	Description
63811-1100 (not included)	Click for more info
63819-1100 (not included)	Click for more info