

# CyClone Panel-to-Panel Connector System

**molex**<sup>®</sup>

**Withstanding up to 10,000 mating cycles, the CyClone Wire-to-Wire Connector System incorporates proven SL™ receptacle technology to create a hermaphroditic, panel-mounted solution for applications such as printers and copiers**

## Features and Benefits

Extreme mating-cycle durability	Delivers extreme durability with 10,000 mating cycles
SL™ Modular Connector System Receptacles	Incorporates proven SL™ connector technology into a new connector system. Transforms the SL connector system into a panel-mount, high-mating-cycle part. Enables customers using the SL™ system to easily incorporate CyClone into their high-mating-cycle applications
Genderless (hermaphroditic) connectors	Increases operational efficiency and reduces customer inventories for cost savings. Ensures compatibility and mate-ability with no change-over of different application tooling setups, since it only uses one preset applicator machine
Positive-lock SL™ housing	Ensures retention in high-vibration environments by fastening the SL™ receptacle housing securely inside the CyClone connector.



CyClone Panel-to-Panel Connector System with SL™ Wire-to-Wire Inserts



CyClone Panel-to-Panel Connector System Mating Interface

## Applications

### Consumer Electronics

Copiers and Printers

### Telecommunications/Networking

Hubs

Servers

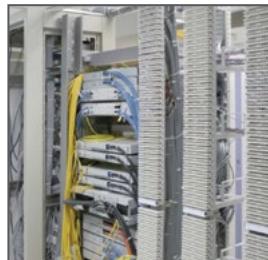
### Industrial

Electronics Production Machinery

Automation



Office Copier



Servers



Automation

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## Specifications

### REFERENCE INFORMATION

Packaging: Bulk in bag  
UL File No.: E29179, 97NK35249  
CSA File No.: LR 19980-508  
Mates With: Self-mating  
Use With: SL™ Modular Connectors  
(Series: 70066 and 70400; Version G parts)  
Designed In: Millimeters  
RoHS: Yes  
Halogen Free: No  
Glow Wire Compliant: No

### ELECTRICAL

Voltage (max.): 30V AC (RMS)/DC  
Current (max.): 2.0A  
Contact Resistance (max.): 30 milliohm  
Dielectric Withstanding Voltage: 500 VAC  
Insulation Resistance: 10,000 Megohms

### MECHANICAL

Contact Retention to Housing (min.): 4.45N  
Insertion Force to PCB (max.): 111.12N  
Durability (min.): 10,000 cycles

### PHYSICAL

Housing: Glass-filled Polyester  
Pitch: 2.54mm  
Contact: Copper Alloy  
Plating:  
    Contact Area — Select Gold (1.27µm)  
    Solder Tail Area — Select Gold (0.38µm)  
    Underplating — Nickel  
Operating Temperature: -40 to +105°C

## Ordering Information

Series No.	Order No.	Circuit Size
<u>73099</u>	73099-3004	4
	73099-3005	5
	73099-3006	6
	73099-3007	7
	73099-3008	8
	73099-3009	9
	73099-3010	10
	73099-3011	11
	73099-3012	12

[www.molex.com/link/cyclone.html](http://www.molex.com/link/cyclone.html)