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# KK Maxi® – 3.96mm & 5.08mm Modular Interconnection System



KK Maxi® – 3.96mm & 5.08mm  
Modular Interconnection System

KK MAXI 3.96mm	Description	Style	Circuit Sizes	Series no.	Material	Packaging
	Header	Vertical	2 to 20 ckt	3192	Nylon / Brass	Bag
		Right angle	2 to 20 ckt	3246	Nylon / Brass	Bag
		Vertical, Backwall	2 to 20 ckt	3190	Nylon / Brass	Bag
		Right angle, Backwall	2 to 20 ckt	3243	Nylon / Brass	Bag
		Vertical	2 to 20 ckt	3279	Nylon / Brass	Bag
	PCB Connector	Top entry	2 to 15 ckt	3215	Nylon / Phosphor Bronze	Tray
		Bottom entry				
		Right angle				
	Housing	Crimp housing	2 to 20 ckt	3069	Nylon	Bag
	Terminal	18 to 20 AWG		2478	Brass or Phosphor Bronze	Bag or reel
		22 to 26 AWG		2578	Brass or Phosphor Bronze	Bag or reel

KK MAXI 5.08mm	Description	Style	Circuit Sizes	Series no.	Material	Packaging
	Header	Vertical, Backwall	2 to 20 ckt	2599M	Nylon / Brass	Bag
		Vertical	2 to 20 ckt	3003	Nylon / Brass	Bag
		Vertical	2 to 20 ckt	3008	Nylon / Brass	Bag
		Right angle	2 to 15 ckt	3061	Nylon / Brass	Bag
	PCB Connector	Top entry	2 to 20 ckt	3002	Nylon / Phosphor Bronze	Tray
		Bottom entry				
		Right angle				
	Housing	Crimp housing	2 to 20 ckt	3001 / 3011	Nylon	Bag
	Terminal	18 to 20 AWG		2478	Brass or Phosphor Bronze	Bag or reel
		22 to 26 AWG		2578	Brass or Phosphor Bronze	Bag or reel





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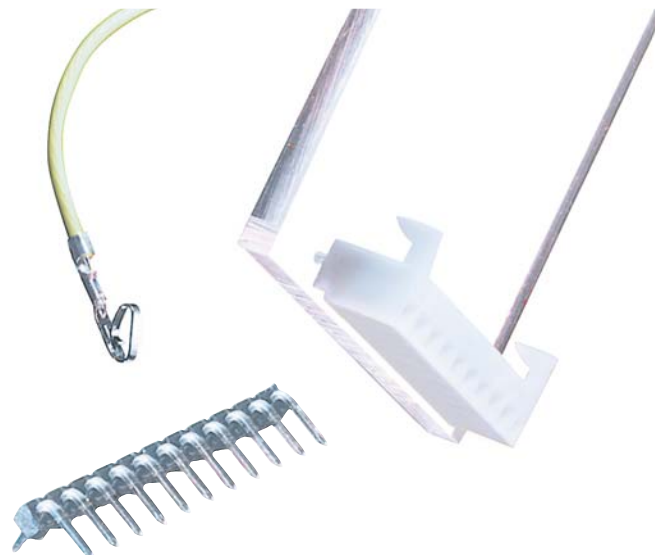
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**Wire-to-Board and Board-to-Board interconnection system**

## TECHNICAL INFORMATION

■ Housing	Nylon UL 94V-2
■ Contact material	Brass or Phosphor Bronze
■ Plating	Tin & Gold
■ Voltage	250 Volts
■ Current rating	up to 7.0A
■ Mating force	10.0 N maximum per circuit
■ Unmating force	3.7 N minimum per circuit
■ Temperature operating	0° to +75° C
■ Temperature non operating	-40° to +105° C

Specs vary by product. Please see catalog for details.



## APPLICATIONS

- **Consumer / Whitegoods**  
Car Stereos, Lighting Panels, Control Panels  
Kitchen Appliances, Whirlpools, Refrigerators
- **Security / Vending**  
Alarms, Garage Doors, Cameras  
Lottery Machines, Slot / Pinball Machines, Coin Changers
- **Datacomm / Professional**  
ATM Machines, PC's, Workstations, Monitors
- **Medical / Office Equipment**  
Heart Monitors, Dental Equipment, Defibrators  
Projectors, Copiers, Printers, Fax Machines
- **Industrial**  
Elevators, Escalators, Air Conditioning, Central Heating  
Power Supplies, Industrial Equipment, Lighting Systems

## KEY FEATURES

- Available on 3.96 mm and 5.08 mm center spacings
- Polarisation via insertable keys and pegs
- Allows connections anywhere on the board
- Double cantilever style terminal
- Selective gold plating options
- End-to-end stacking capabilities
- Locking ramp for improved mated retention with locking headers
- Accepts KK gas tight crimp terminals
- Headers available with square or round pins

See Molex catalog or [www.molex.com](http://www.molex.com) for details

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