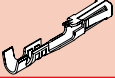

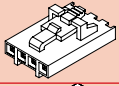
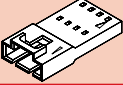
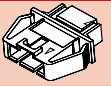
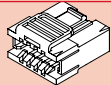
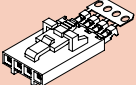
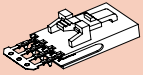

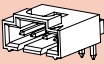

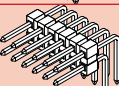






2.54mm (.100") Pitch C-Grid®/SL™ Modular Interconnect System

- Wire-to-wire, wire-to-board and board-to-board applications
- Positive latching system
- Three termination methods: crimp, IDT, FFC cable piercing
- Through hole and SMT configurations

	Description	Specifications	Materials	Circuits/Wire Gauge	Options	Series
Terminals						
	Female Crimp Terminal	3.0 A, 250V -40 to +105°C	Phosphor Bronze	22-30 AWG	Tin or Gold plating Bag or Reel	70058 (Standard)
	Male Crimp Terminal					71851 (High Force)
Housings						
	Crimp Housing (to be used with female terminals)	3.0 A, 250V -40 to +105°C	Housing: Black glass-filled polyester, UL 94V-0	2-25	Single Row	70066
	Crimp Housing (to be used with male terminals)			4-54	Dual Row	70450
	Modular Branch	3.0 A, 250V -40 to +105°C	Housing: Black glass-filled polyester, UL 94V-0	2-25	Single Row	70018, 70104
	Interim Clip			6-50	Dual Row	70022
				4-25	Single Row	70004
				6-50	Dual Row	70013
Assemblies						
	Insulation Displacement Single Row Assembly	1.2A - 28 AWG 1.8A - 26 AWG 3.0A - 22 AWG 3.0A - 24 AWG -40 to +105°C	Housing: Black glass filled polyester, UL 94V-0	2-25	Female	70400
	FFC/FPC Single Row Assembly	2.0A, 250V -40 to +105°C	Housing: Black glass filled polyester, UL 94V-0		Male	70475
					Female	70430
					Male	70431
Headers*						
	Vertical Shrouded Header	3.0 A, 250V -40 to +105°C	Housing: Black glass-filled PCT, UL 94V-0	2-25	Single Row	70543, 70541, 70545, 74190, 74099, 70563
	Right Angle Shrouded Header					70553, 70551, 70555, 70634, 70575
	Vertical Unshrouded Breakaway Header	3.0 A, 250V -40 to +105°C	Housing: Glass-filled polyester or LCP, UL 94V-0	4-80	Dual Row	70280, 70287, 70260, 71308, 75102
	Right Angle Unshrouded Breakaway Header					71764, 70216
	Vertical Shrouded Header	3.0 A, 250V -40 to +105°C	Housing: Glass-filled polyester or LCP, UL 94V-0	6-72	Dual Row	8723, 70227, 70567, 70568, 71349, 70204, 75100, 75101
	Right Angle Shrouded Header		Housing: Glass-filled polyester or glass-filled nylon, UL 94V-0			8724, 70229
Receptacles						
	Vertical PCB Receptacle	2.5A, 250V -40 to +105°C	Housing: LCP, UL 94V-0	4-80	Dual Row	71850, 71395
	Right Angle PCB Receptacle		Housing: LCP, UL 94V-0	8-130		71979 (SMT)
						71973 (Through Hole)

*Most headers are available in SMT and Surface Mount Compatible configurations. 75100, 75101 and 75102 are compliant pin headers.

Note: Designed for use with discrete wire, ribbon cable or flat flex cable in wire-to-wire and wire-to-board applications



2.54mm (.100") Pitch KK® Modular Interconnect System

	Description	Specifications	Materials	Circuits / Wire Gauge	Options	Series
Terminals						
	Female Crimp Terminal	2.5-4.0A, 250V 0 to +75°C	Brass Phosphor Bronze	22-30 AWG	Tin or Gold plating Bag or Reel	2759, 6459, 40445, 41572, 5159, 4809, 7879
Housings						
	Crimp Housing (to be used with female terminals)	2.5-4.0A, 250V 0 to +75°C	Nylon, UL 94V-0 Polyester (PBT)	2-28 (Varies by series)	Plain, Ramp, Polarizing Rib	2695, 6471, 7880
Assemblies						
	Insulation Displacement Assemblies	3.5-4.0A, 250V 0 to +75°C	Nylon, UL 94V-2	2-28	Plain, Ramp, Polarizing Rib, Feed-to, Feed-through	7720
Headers						
	Vertical Unshrouded Breakaway Header	4.0A, 250V 0 to +75°C	Glass-filled nylon, UL 94V-0	2-36	Tin, Gold, Various pin lengths and mating dimensions, can be cut to size by customer	42375
	Right Angle Unshrouded Breakaway Header	4.0A, 250V 0 to +75°C	Glass-filled nylon, UL 94V-0	2-36	Tin, Gold, Various pin lengths and mating dimensions, can be cut to size by customer	42376, 42377
	Vertical Friction Lock Breakaway Header	4.0A, 250V 0 to +75°C	Glass-filled nylon, UL 94V-0	2-36	Tin, Gold, Various pin lengths and mating dimensions, can be cut to size by customer	42227
	Right Angle Friction Lock Breakaway Header	4.0A, 250V 0 to +75°C	Glass-filled nylon, UL 94V-0	2-36	Tin, Gold, Various pin lengths and mating dimensions, can be cut to size by customer	42228
	Vertical Unshrouded Molded-to-Size Header	4.0A, 250V 0 to +75°C	Nylon, UL 94V-0	2-28	Tin, Gold, Various pin lengths and mating dimensions	4030
	Right Angle Unshrouded Molded-to-Size Header	4.0A, 250V 0 to +75°C	Nylon, UL 94V-0	2-28	Tin, Gold, Various pin lengths and mating dimensions	4094, 4494
	Vertical Friction Lock Molded-to-Size Header	4.0A, 250V 0 to +75°C	Nylon UL 94V-0 Polyester (PBT)	2-28	Tin, Gold, Various pin lengths and mating dimensions	6373, 42009
	Right Angle Friction Lock Molded-to-Size Header	4.0A, 250V 0 to +75°C	Nylon, UL 94V-0	2-28	Tin, Gold, Various pin lengths and mating dimensions	7478
Receptacles						
	PCB Receptacles	2.5A, 250V 0 to +75°C	Nylon, UL 94V-0 Glass-filled nylon, UL 94V-0	2-28 (Varies by series)	Tin, Overall Gold, Select Gold, Vertical, Right angle, Bottom entry	4455, 41625, 44812

Americas Headquarters
Lisle, Illinois 60532 U.S.A.
Tel: 1-800-78MOLEX
Fax: 630-969-1352

Far East North Headquarters
Yamato, Kanagawa, Japan
Tel: 81-462-65-2324
Fax: 81-462-65-2366

Far East South Headquarters
Jurong, Singapore
Tel: 65-268-6868
Fax: 65-265-6044

European Headquarters
Munich, Germany
Tel: 49-89-413092-0
Fax: 49-89-401527

Corporate Headquarters
2222 Wellington Ct.
Lisle, IL 60532 U.S.A.
Tel: 630-969-4550
Fax: 630-969-1352

Visit our Web site at <http://www.molex.com>