

EDGE CARD CONNECTORS

L

AMC B+ Connectors	L-2
MicroTCA Connector	L-2
Low Profile VRM Connector – iCool™	L-3 to L-4
PCI Express* Connectors	L-5 to L-6

KK®

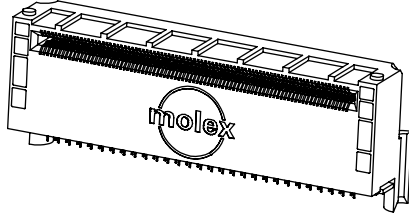
Edge Connector Terminals	L-7
Edge Connector Housings	L-8

*PCI Express is a trademark of PCI-SIG

Visit www.molex.com to access more part numbers and product information, download sales drawings, product specifications, 3D models, place sample requests, and more.

0.75mm (.030") Pitch AMC B+ Connector

75800/75908/75791
170-Circuit
Press-Fit PC Tails



Features and Benefits

- Press-fit termination to PCB
- Design capable of transmission speeds of 12.5 Gbps
- With or without PCB alignment pegs
- Meets PICMG AMC.0 Rev. 1 specification
- Extended-height version available: 23.0mm

Reference Information

Product Specification: PS-75800-999
Packaging: Tray
Designed in: Millimeters

Electrical

Voltage: 30V
Current: 0.5A max
Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 300V AC
Insulation Resistance: 100 Megohms min.

Mechanical

Mating Force: 40N max
Unmating Force: 11.5N max
Durability: 200 cycles

Physical

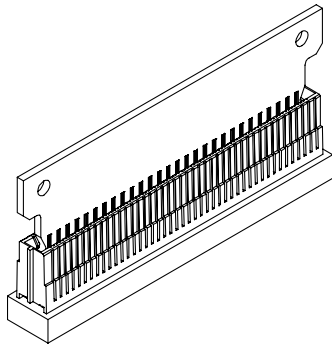
Housing: Thermoplastic
Contact: Copper Alloy
Plating: Contact Area—Gold
Tail Area—See Table
PCB Thickness: 2.40mm (.093")

Order No.	PCB Peg	Tail Plating	Height	Lead-free
75800-0001	Yes	Tin	21.85mm (.860")	Yes
75800-0002		Tin/Lead		No
75908-0001	No	Tin	21.85mm (.860")	Yes
75908-0002		Tin/Lead		No
75791-0001	Yes	Tin	23.0mm (.906")	Yes
75791-0002		Tin/Lead		No

www.molex.com/product/amc0.html

0.75mm (.030") Pitch MicroTCA Connector

75594
170-Circuit
Press-Fit PC Tails



Features and Benefits

- 12.5 Gbps electrical design allows the system to run four times the current XAUI data rates, future proofing the system
- Footprint optimized for high speed differential performance
- Press-fit pins with flat-rock insertion tooling provide easy backplane assembly process and allow efficient routing
- Stitched contact design enables high-speed stitching for volume production and optimizes cost without compromising performance

Reference Information

Product Specification: PS-75594-999
Mates With: 1.57mm (.062") thick PCB Card
Designed In: Millimeters

Electrical

Voltage: 250V AC max.
Current: 1.5A max.
Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 300V AC
Insulation Resistance: 10 Megohms min.

Mechanical

Insertion Force to PCB: 35.6N per pin
Mating Force: 145N max.
Unmating Force: 110N max.
Durability: 200 cycles min.

Physical

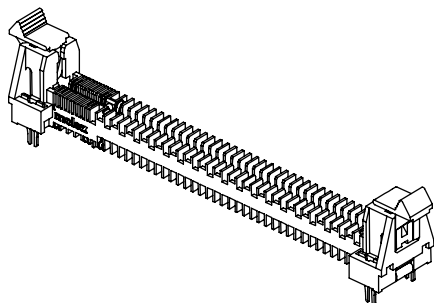
Housing: Black glass-filled Thermoplastic, UL 94V-0
Contact: Copper Alloy
Plating: Contact Area—0.76µm min. Gold
Solder Tail Area—0.76 to 1.52µm Tin
Underplating—1.27µm min. Nickel
PCB Thickness: 1.60±0.16mm

Circuits	Order No.	Lead-free
170	75594-0000	Yes

1.00mm (.039") Pitch iCool™ Low Profile VRM Connector

87786

Vertical, with Latches



Features and Benefits

- High-temperature thermoplastic housing withstands lead-free solder processing
- Open housing design allows air flow to cool the contacts
- Four forklocks secure connectors to PCB against shock and vibration
- Low loop inductance design is ideal for high slew rate characteristics
- Use of VRMs saves valuable PCB real estate compared to Voltage Regulator Down (VRD)
- Plastic locating peg ensures proper insertion and polarization on the PCB
- Unique reverse angle latch notch feature retains the VRM module securely during shock and vibration

Reference Information

Product Specification: PS-87786-008
Packaging: Tray
Mates With: Voltage regulator module
Designed In: Millimeters

Electrical

Voltage: Power—48V
Signal—48V
Current: Power—4.0A per contact pair
Signal—1.0A per contact pair
Contact Resistance: Power—5 milliohms max.
Signal—10 milliohms max.
Dielectric Withstanding Voltage: 1100V AC
Insulation Resistance: 5000 Megohms min.

Mechanical

Contact Retention to Housing: 3.43N min. per pin
Insertion Force to PCB: 22.5N max. per forklock
Mating Force: 245.3N max.
Latch Actuation Force : 44.1N per latch
Durability: 25 cycles

Physical

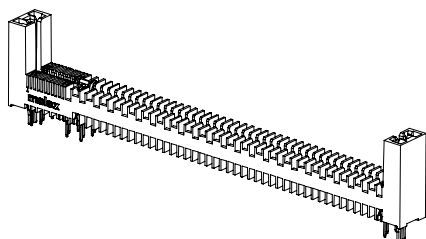
Housing: Black high-temperature thermoplastic, UL 94V-0
Contact: Copper Alloy
Plating: Contact Area—0.76µm (30µ") Gold
Solder Tail Area—Tin
Underplating: Nickel

Circuits	Order No.	PCB Mounting	Lead-free
Signal 20, Power 72 (VRM 10)	87786-1002	SMT	Yes
Signal 24, Power 70 (VRM 11)	87786-1011		

1.00mm (.039") Pitch iCool™ Low Profile VRM Connector

87810

Through Hole, Vertical Without Latch



Features and Benefits

- High-temperature thermoplastic housing withstands lead-free solder processing
- Open housing design allows air flow to cool the contacts
- Four beveled metal pins (Forklocks) secure connectors to PCB against shock and vibration
- Low loop inductance design ideal for high slew rates characteristics
- Same VRM plugs into vertical and horizontal connector reduces VRM design, test and inventory
- Plastic locating peg ensures proper insertion and polarization on the PCB
- Unique reverse angle latch notch feature retains the VRM Module securely during shock and vibration

Reference Information

Product Specification: PS-87810-008
Packaging: Tray
UL File No.: E29179
Mates With: Voltage Regulator Module
Designed In: Millimeters

Electrical

Voltage: Power—48V
Signal—48V
Current: Power—4A per contact pair
Signal—1A per contact pair
Contact Resistance: Power—5 milliohms max.
Signal—10 milliohms max.
Dielectric Withstanding Voltage: 1100V AC
Insulation Resistance: 5000 Megohms min.

Mechanical

Contact Retention to Housing:
Power and Signal: 3.43N min./pin
Insertion Force to PCB: 45.11N max.
Mating Force: 245.25N max.
Unmating Force: 98.1N max.
Durability: 25 cycles

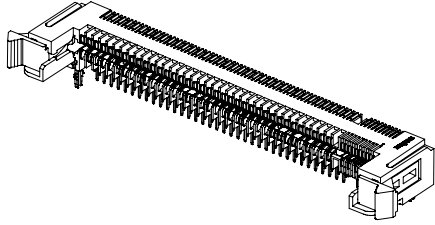
Physical

Housing: Black high-temperature thermoplastic, UL 94V-0
Contact: Copper Alloy
Plating: Contact Area—0.76µm (30µ") Gold
Solder Tail Area—Tin, Lead-free
Underplating—Nickel

Circuit Details	Order No.	Tower	Lead-free
Signal 22, Power 88	87810-1001	No	Yes
	87810-1002	Yes	

1.00mm (.039") Pitch iCool™ Low Profile VRM Connector

87818 Through Hole, Right Angle With Latch



Features and Benefits

- High-temperature thermoplastic housing withstands lead-free solder processing
- Open housing design allows air flow to cool the contacts
- Four forklocks secure connectors to PCB against shock and vibration
- Low loop inductance design ideal for high slew rate characteristics
- Same VRM plugs into vertical and horizontal connector reduces VRM design, test and inventory
- Plastic locating peg ensures proper insertion and polarization on the PCB
- Unique reverse angle latch notch feature retains the VRM Module securely during shock and vibration

Reference Information

Product Specification: PS-87818-006
Packaging: Tray
UL File No.: E29179
Mates With: Voltage regulator module
Designed In: Millimeters

Electrical

Voltage: Power—48V
Signal—48V
Current: Power—4.0A per contact pair
Signal—1.0A per contact pair
Contact Resistance: Power—7.5 milliohms max.
Signal—15 milliohms max.
Dielectric Withstanding Voltage: 1100V AC
Insulation Resistance: 5000 Megohms min.

Mechanical

Contact Retention to Housing: Power—4.90N min. per pin
Signal—3.43N min. per pin
Insertion Force to PCB: 22.25N max. per forklock
Mating Force: 245.25N max.
Latch Actuation Force: 44.1N per latch
Durability: 25 cycles

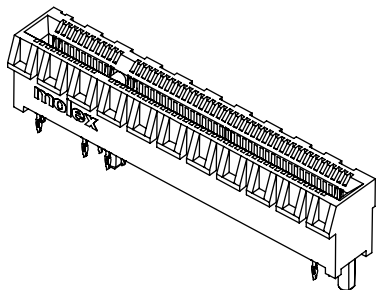
Physical

Housing: Black high-temperature thermoplastic, UL 94V-0
Contact: Copper Alloy
Plating: Contact Area—0.76µm (30µ") Gold
Solder Tail Area—Tin
Underplating: Nickel

Circuits	Order No.	Lead-free
Signal 20, Power 72 (VRM 10)	87818-1001	Yes
Signal 24, Power 70 (VRM 11)	87818-1011	

1.00mm (.039") Pitch PCI Express* ExpressModule* (SIOM) Socket

78033
Vertical, Press-Fit



Features and Benefits

- High-temperature thermoplastic housing for lead-free processing
- Complies with PCI-SIG* industry specifications to ensure connectors support all ExpressModule* available in the market
- Key design ensures correct mating of card module to edge card connector
- Press-fit termination allows solderless termination on PCBs with high layer count
- Wider lead-in design to better facilitates blind mating

Reference Information

Product Specification: PS-78028-001
Packaging: Tray
Mates With: 1.57mm (.061") thick ExpressModule
Designed In: Millimeters

Electrical

Voltage: 50V AC (RMS)/DC
Current: 1.1A
Contact Resistance: 30 milliohms max.
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Terminal Retention Force: 2.94N min. per terminal
Mating Force: 1.15N max. per contact pair
Unmating Force: 0.15N min. per contact pair
Durability: 50 cycles

Physical

Housing: Black high-temperature nylon, UL 94V-0
Contact: Copper Alloy
Plating: Contact Area—0.76µm (30µ") Gold
Solder Tail Area—Tin
Underplating: Nickel

Circuits	Order No.	PC Tail Length	Recommended PCB Thickness	Lead-free
8 Ports, 98 Circuits	78033-0008	2.54mm (.100")	2.30mm (.090")	Yes
	78033-0018	2.79mm (.109")	2.60mm (.102")	
	78033-0028	3.43mm (.135")	3.20mm (.125")	

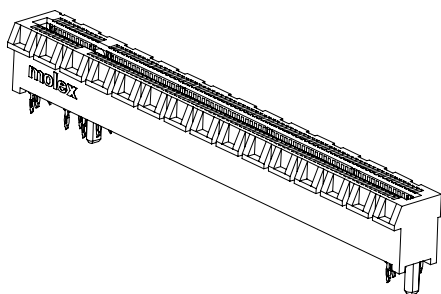
For Tin/Lead option, please contact Molex

*PCI Express, ExpressModule and PCI-SIG are trademarks or registered trademarks of PCI-SIG

www.molex.com/customer.html?seriesNumber=78033

1.00mm (.039") Pitch PCI Express* Edgecard Connector

78028
Vertical, Press-Fit



Features and Benefits

- High-temperature thermoplastic housing for lead-free processing
- Complies with PCI-SIG* industry specifications to ensure connectors support all PCI Express module cards
- Keying design ensures correct mating of card module to edge card connector
- Press-fit termination allows solderless termination on PCBs with high layer count
- Ridge design will be compatible with module cards that require a retention clip for secure retention

Reference Information

Product Specification: PS-78028-001
Packaging: Tray
Mates With: PCI Express* module card
Designed In: Millimeters

Electrical

Voltage: 50V AC (RMS)/DC
Current: 1.1A
Contact Resistance: 30 milliohms max.
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Terminal Retention Force: 2.94N min./terminal
Mating Force: 1.15N max./contact pair
Unmating Force: 0.15N min./contact pair
Durability: 50 cycles

Physical

Housing: Black high-temperature nylon, UL 94V-0
Contact: Copper Alloy
Plating: Contact Area—See table
Solder Tail Area—Tin
Underplating: Nickel

Circuits	Order No.	Plating	PC Tail Length	Recommended PCB Thickness	Lead-free
8 Ports, 98 Circuits	78028-0008	0.76µm (30µ") Gold	2.54mm (.100")	2.30mm (.090")	Yes
	78028-0108		2.79mm (.109")	2.60mm (.102")	
	78028-1108		3.43mm (.135")	3.20mm (.125")	
	78028-0018	0.38µm (15µ") Gold	2.54mm (.100")	2.30mm (.090")	
	78028-0118		2.79mm (.109")	2.60mm (.102")	
	78028-1118		3.43mm (.135")	3.20mm (.125")	
16 Ports, 164 Circuits	78028-0016	0.76µm (30µ") Gold	2.54mm (.100")	2.30mm (.090")	
	78028-0116		2.79mm (.109")	2.60mm (.102")	
	78028-1116		3.43mm (.135")	3.20mm (.125")	
	78028-0026	0.38µm (15µ") Gold	2.54mm (.100")	2.30mm (.090")	
	78028-0126		2.79mm (.109")	2.60mm (.102")	
	78028-1126		3.43mm (.135")	3.20mm (.125")	

For Tin/Lead option, please contact Molex

* PCI Express and PCI-SIG are trademarks or registered trademarks of PCI-SIG

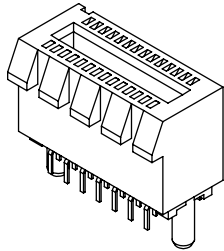
www.molex.com/product/io/pciexpress.html



MX10 L-5

1.00mm (.039") Pitch PCI Express* Connector

87715
Vertical



Features and Benefits

- Complies with the PCI-SIG specification for desktop PCI Express implementation
- Supports 2.5 Gbps data transfer rate (per pair data bandwidth)
- Scalable modular design maximizes card interoperability for user flexibility—1x, 4x, and 8x add-in card can plug into 16x connector
- Enables hot plug and hot swap
- Simple through-hole design supports low-cost board assembly process

Reference Information

Product Specification: PS-87715-200~206

Packaging: Tray

Designed In: Millimeters

Electrical

Voltage: 50V

Current: 1.1A

Dielectric Withstanding Voltage: 500V DC

Insulation Resistance: 1000 Megohms min.

Mechanical

Mating Force: 1.15N

Unmating Force: 0.15N

Durability: 50 cycles

Physical

Plating: Solder Tail Area—Tin or Tin/Lead

Underplating: Nickel

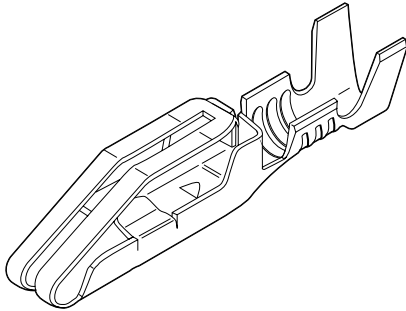
Circuits	Order No.	PCB Thickness	Plating Contact	Housing	Contact	Lead-free
26	87715-3901	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled	Phosphor Bronze	No
	87715-2000	1.6mm (.062")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-2002	1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-3000	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-3002	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3005	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-6000	1.6mm (.062")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-6002	1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-6003	2.4mm (.093")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-6005	2.4mm (.093")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-9000	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9002	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9003	2.4mm (.093")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9005	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	36	87715-9006	1.6mm (.062")	30µ" Gold Plating		
87715-9007		1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
87715-9008		1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-2102		1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
87715-2102		1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
87715-3105		2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-6100		1.6mm (.062")	Gold Flash	Nylon 6/6, Glass-filled		
87715-6102		1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
87715-6103		2.4mm (.093")	Gold Flash	Nylon 6/6, Glass-filled		
87715-6105		2.4mm (.093")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
87715-9100		1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
87715-9102		1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-9103		2.4mm (.093")	Gold Flash	Nylon 4/6, Glass-filled		
87715-9105		2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-9106		1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-9107	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled			
87715-9108	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled			
64	87715-3202	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled	Phosphor Bronze	No
	87715-3205	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9902	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9903	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9904	2.4mm (.093")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9905	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9906	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9907	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9906	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9907	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-2200	1.6mm (.062")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-2202	1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-3200	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		

*PCI Express is a trademark of PCI-SIG.

Circuits	Order No.	PCB Thickness	Plating Contact	Housing	Contact	Lead-free
98	87715-3206	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled	Phosphor Bronze	No
	87715-3902	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-3905	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3910	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-6200	1.6mm (.062")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-6202	1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-6203	2.4mm (.093")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-6205	2.4mm (.093")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-9200	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9202	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9203	2.4mm (.093")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9205	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9206	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9207	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9208	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
164	87715-2300	1.6mm (.062")	Gold (Au) Flash	Nylon 6/6, Glass-filled	Phosphor Bronze	No
	87715-2302	1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-3302	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3305	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3306	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3913	2.4mm (.093")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-6300	1.6mm (.062")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-6302	1.6mm (.062")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-6303	2.4mm (.093")	Gold Flash	Nylon 6/6, Glass-filled		
	87715-6305	2.4mm (.093")	15µ" Gold Plating	Nylon 6/6, Glass-filled		
	87715-9300	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9302	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9303	2.4mm (.093")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-9305	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-9306	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-9307	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled			
87715-9308	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled			
200	87715-9920	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled	Phosphor Bronze	Yes
	87715-9921	2.4mm (.093")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
230	87715-3909	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled	Phosphor Bronze	
280	87715-3914	2.4mm (.093")	2.4mm (.093")	15µ" Gold Plating	Phosphor Bronze	
	87715-3915	2.4mm (.093")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3916	2.4mm (.093")	30µ" Gold Plating	Nylon 4/6, Glass-filled		
	87715-3917	1.6mm (.062")	Gold Flash	Nylon 4/6, Glass-filled		
	87715-3918	1.6mm (.062")	15µ" Gold Plating	Nylon 4/6, Glass-filled		
87715-3919	1.6mm (.062")	30µ" Gold Plating	Nylon 4/6, Glass-filled			

3.96mm (.156") Pitch Double-Sided Edge KK® Connector Terminals

4366
PC Crimp and Solder Eyelet



Features and Benefits

- Solder loop version available
- Anti-fishhooking feature prevents terminals from snagging
- Wire barrier prevents stripped wire from entering the contact area
- Coined outside edges prevent excess scoring of the solder pad surfaces
- Patented bifurcated contact area
- Anti-overstress feature

Reference Information

Packaging: Reel or bag
Use With: 4338
Designed In: Inches

Electrical

Voltage: 250V
Current: 5.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 50,000 Megohms min.

Mechanical

Contact Retention to Housing: 8 lb min.
Wire Pull-Out Force: 20 lb for 18 AWG
(less for smaller wire)

Physical

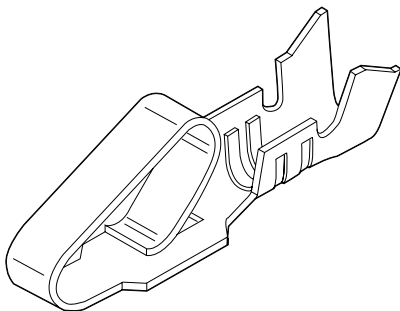
Contact: Brass
Plating: See Table

Order No.		Crimp Wire Size	Maximum Insulation Diameter	Engineering No.	Plating	Lead-free
Reel Form	Bag Form					
08-03-0303	08-03-0304	18-20	2.79 (.110)	4366	Tin	Yes
08-05-0301	08-05-0302			4366	Gold	

www.molex.com/product/kk/

3.96mm (.156") Pitch KK® Crimp Terminal

2478/2578



Features and Benefits

- Double cantilever design
- Single beam terminal is available for low insertion force 7821 Series (contact Molex)
- For low-level current and voltage, use Gold plating
- Phosphor Bronze is recommended for rated current
- Complete line of terminal crimping equipment available (see Application Tooling section of this catalog)

Reference Information

Product Specification: PS-08-50
Tooling Information: See crimp tooling section
UL File No.: E29179
CSA File No.: LR19980
Use With: 2139, 3069 and 41695

Electrical

Voltage: 250V AC max.
Current: Max.

AWG	18	20	22	24	26
Phosphor Bronze	7.00A	6.25A	5.50A	5.00A	4.50A
Brass	5.00A	4.75A	4.50A	4.25A	4.00A

Contact Resistance: 6 milliohms max.

Mechanical

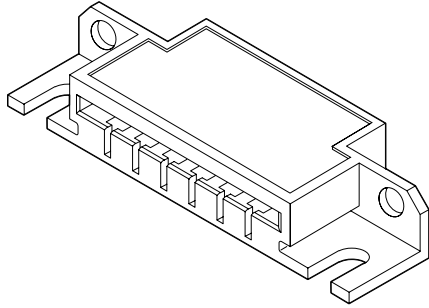
Normal Force: 0.75kg (1.65 lb)
Durability: Tin—25 cycles
Gold—50 cycles

Order No.						Wire Size AWG	Insulation OD	Series	Material	Lead-free
Tin Plating		Gold Plating No. 1		Gold Plating No. 2						
Reel	Bag	Reel	Bag	Reel	Bag					
08-52-0071	08-52-0072	08-58-0121	08-58-0122	08-65-0114	08-65-0115	18-20	2.79 (.110)	max. 2478	Phosphor Bronze	Yes
08-50-0105	08-50-0106	08-56-0105	08-56-0106	08-55-0103	08-55-0104	18-20	2.79 (.110)	max. 2478	Brass	
08-50-0133	08-50-0134	08-58-0125	08-58-0126	08-65-0116	08-65-0117	22-26	1.65 (.065)	max. 2578	Phosphor Bronze	
08-50-0107	08-50-0108	08-56-0107	08-56-0108	08-55-0105	08-55-0106	22-26	1.65 (.065)	max. 2578	Brass	

Recommended wire range assumes stranded wire
Plating No. 1: 20µm min. Gold in contact area with a flash overall
Plating No. 2: 15µm min. Gold in contact area only

3.96mm (.156") Pitch KK[®] Single-Sided Edge Connector Housing

2574 Polarized Edge Connector Housing for Crimp Terminals



Features and Benefits

- Optional mounting flanges
- Polarization provided by structural ribs
- Uses optional bifurcated terminals
- IDC version (7241 product)
- Housing accommodates terminals for 18 to 26 AWG

Reference Information

Packaging: Bag
UL File No.: E29179
Use With: 2478 and 2578 terminals
Designed In: Inches

Electrical

Voltage: 250V
Current: 5.0A
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 50,000 Megohms min.

Physical

Housing: Nylon, UL 94V-2
Recommended PCB Thickness: 1.57mm (.062")

Circuits	Order No.		Center Ribs Between Circuits
	Without Flange	With Flange	
3	09-01-6031	09-01-7031	
4	09-01-6041		
5	09-01-6051	09-01-7051	
6		09-01-7064	
6	09-01-6061	09-01-7061	2 and 3
7	09-01-6071	09-01-7071	3 and 4
8		09-01-7081	
8	09-01-6085		2 and 3
8	09-01-6086		3 and 4
8	09-01-6083	09-01-7083	5 and 6
9	09-01-6095	09-01-7095	2 and 3
9	09-01-6094	09-01-7094	5 and 6

Note: Use KK[®] terminal 2578 for 22 to 26 AWG wire, or 2478 for 18 to 24 AWG with 2.79mm (.110") diameter maximum insulation

Circuits	Order No.		Center Ribs Between Circuits
	Without Flange	With Flange	
9	09-01-6091	09-01-7091	3 and 4 / 5 and 6
10	09-01-6101	09-01-7101	4 and 5 / 7 and 8
12	09-01-6121		5 and 6 / 8 and 9
15	09-01-6151	09-01-7151	4 and 5 / 7 and 8 / 11 and 12
16	09-01-6161	09-01-7161	4 and 5 / 7 and 8 / 11 and 12
17	09-01-6171	09-01-7171	5 and 6 / 10 and 11 / 14 and 15
18	09-01-6181	09-01-7181	5 and 6 / 10 and 11
19	09-01-6191	09-01-7191	4 and 5 / 7 and 8 / 11 and 12 / 15 and 16
21	09-01-6211	09-01-7211	5 and 6 / 10 and 11 / 15 and 16
22	09-01-6224	09-01-7224	5 and 6 / 11 and 12 / 16 and 17
24	09-01-6241	09-01-7241	4 and 5 / 8 and 9 / 12 and 13 / 16 and 17 / 20 and 21