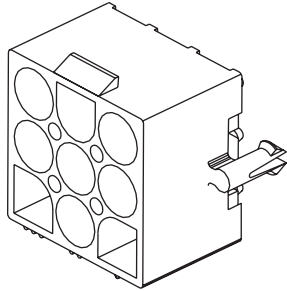


6.71mm (.264") Pitch .093" Pin and Socket Header

5219



Features and Benefits

- Positive lock
- Fully isolated terminals
- Polarized housing assures proper mating

Reference Information

Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75107
Mates With: 3191 receptacle
Designed In: Inches

Electrical

Voltage: 600V
Current: 12.0A max.
Dielectric Withstanding Voltage: 5000V AC rms

Physical

Housing: Nylon, UL 94V-2
Contact: Brass
Plating: Tin
Operating Temperature: -40 to +105°C

E

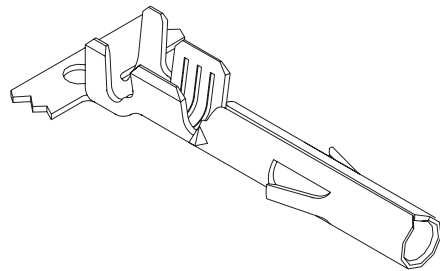
Power Connectors

Circuits	Order No.	Amperes per Circuit	Lead-free
2	15-31-1026	12	Yes
3	15-31-1036	11	
4	15-31-1046	9	
6	15-31-1066		
9	15-31-1096		

www.molex.com/product/power/std093.html

2.13mm (.084") Diameter MLX™ Pin and Socket Female Terminals

42024



Features and Benefits

- Cross tested to assure industry compatibility
- Can be terminated with Molex or commercially available terminating equipment
- Split pin (male) for reduced mating forces

Reference Information

Product Specification: PS-42022-0001
Packaging: Bag or reel
UL File No.: E29179
CSA File No.: LR19980
Use With: 42021 and 42022 housings
Designed In: Inches

Electrical

Voltage: 600V
Current: 13.5A
Contact Resistance: 3.5 milliohms max.

Mechanical

Contact Insertion Force: 8.92N (2 lb)
Wire Pull-Out Force:

AWG	14	16	18	20
N (lb)	222 (50)	200 (45)	133 (30)	62 (14)

Mating Force: 6.68N (1.5 lb) max.
Unmating Force: 4.46 (0.5 lb) min.
Durability: Tin plating—25 mating/unmating cycles
Gold plating—50 mating/unmating cycles

Physical

Contact: Brass or Phosphor Bronze
Plating: Tin
Operating Temperature: -55 to +105°C

Type	Plating	Wire Size AWG	Insulation Diameter	Series	Socket		Lead-free
					Reel Form	Bag Form	
Standard Brass .012"	Tin	14-20	1.52 (.060) min. 3.30 (.130) max.	42024	02-08-1001	02-08-1002	Yes
Phosphor Bronze .012"					02-08-1003	02-08-1004	