

FEATURES AND SPECIFICATIONS

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: 3.5mΩ max.

Mechanical

Contact Insertion Force: 2 lb

Wire Pull-Out Force: 14 lb min.

Mating Force: 1.5 lb max.

Unmating Force: 0.5 lb min.

Durability: Tin plating—25 mating/unmating cycles

Gold plating—50 mating/unmating cycles

Physical

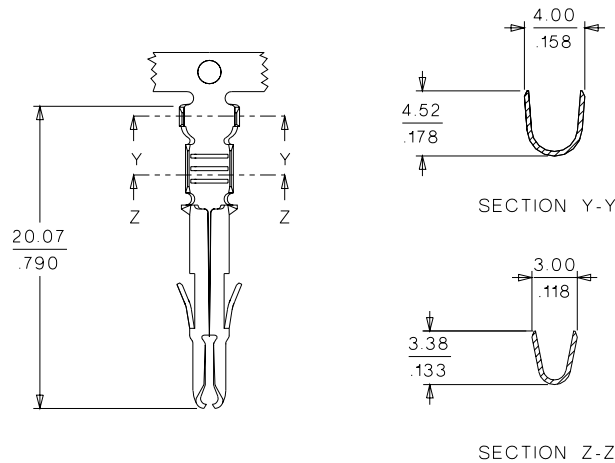
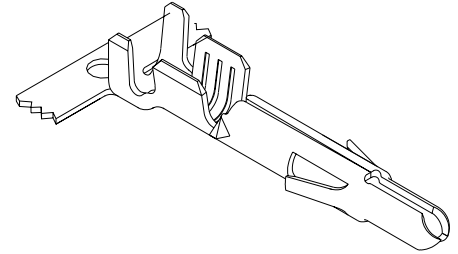
Contact: Brass or Phosphor Bronze

Plating: Tin or Gold

Temperature: -55 to +105°C

molex® 2.13mm (.084") Diameter MLX Pin and Socket Male Terminals

42023



ORDERING INFORMATION

Type	Plating	Wire Size AWG	Insulation Diameter	Series	Split Pin	
					Reel Form	Bag Form
Standard Brass .012"	Tin	14-20	1.52 (.060) min. 3.30 (.130) max.	42023	• 02-08-2003	• 02-08-2004
	Select Gold	14-20	1.52 (.060) min. 3.30 (.130) max.	42023	• 02-08-2007	• 02-08-2008
Phosphor Bronze .012"	Tin	14-20	1.52 (.060) min. 3.30 (.130) max.	42023	• 02-08-2005	• 02-08-2006
	Select Gold	14-20	1.52 (.060) min. 3.30 (.130) max.	42023	• 02-08-2009	• 02-08-2010

• US Standard Product, available through Molex franchised distributors