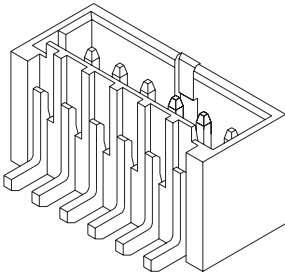


1.50mm (.059") Pitch Pico-SPOX™ Wire-to-Board Header

87437
Vertical, SMT
Shrouded



Features and Benefits

- Sizes 2 to 15 circuits
- Compact, low-profile SMT design
- Fully shrouded to protect pins during mating/unmating
- Center keyway for secure connection to housing
- One-piece mating post and SMT tail provides coplanarity control and large soldering area
- High-temperature material withstands reflow soldering

Reference Information

Product Specification: PS-87437
Packaging: Tube or tape and reel
UL File No.: E29179
CSA File No.: LR19980A
Mates With: 87439 housing
Designed In: Millimeters

Electrical

Voltage: 350V
Current: 3.0A
Contact Resistance: 40 milliohms max.
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Contact Retention to Housing: 1kgf min.
Durability: 10 cycles

Physical

Housing: Beige glass-filled 4/6 nylon, UL 94V-0
Contact: Brass Alloy
Plating: 2.54mm Tin
Operating Temperature: -55 to +105°C

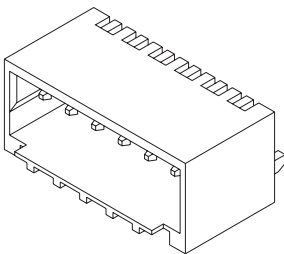
Circuits	Order No.		Lead-free
	Tube	Tape and Reel	
2	87437-0242	87437-0243	Yes
3	87437-0342	87437-0343	
4	87437-0442	87437-0443	
5	87437-0542	87437-0543	
6	87437-0642	87437-0643	
7	87437-0742	87437-0743	
8	87437-0842	87437-0843	

Circuits	Order No.		Lead-free
	Tube	Tape and Reel	
9	87437-0942	87437-0943	Yes
10	87437-1042	87437-1043	
11	87437-1142	87437-1143	
12	87437-1242	87437-1243	
13	87437-1342	87437-1343	
14	87437-1442	87437-1443	
15	87437-1542	87437-1543	

www.molex.com/customer.html?seriesNumber=87437

1.50mm (.059") Pitch Pico-SPOX™ Wire-to-Board Header

87438
Right Angle, SMT
Shrouded



Features and Benefits

- Sizes 2 to 15 circuits
- Compact, low-profile SMT design
- Fully shrouded to protect pins during mating/unmating
- Center keyway for secure connection to housing
- One-piece mating post and SMT tail provides coplanarity control and large soldering area
- High-temperature material withstands reflow soldering

Reference Information

Product Specification: PS-87437
Packaging: Tube or tape and reel
UL File No.: E29179
CSA File No.: LR19980A
Mates With: 87439 housing
Designed In: Millimeters

Electrical

Voltage: 350V
Current: 3.0A
Contact Resistance: 40 milliohms max.
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Contact Retention to Housing: 1kgf min.
Durability: 10 cycles

Physical

Housing: Beige glass-filled 4/6 nylon, UL 94V-0
Contact: Brass Alloy
Plating: 2.54µm Tin
Operating Temperature: -25 to + 85°C

Circuits	Order No.		Lead-free
	Tube	Tape and Reel	
2	87438-0242	87438-0243	Yes
3	87438-0342	87438-0343	
4	87438-0442	87438-0443	
5	87438-0542	87438-0543	
6	87438-0642	87438-0643	
7	87438-0742	87438-0743	
8	87438-0842	87438-0843	

Circuits	Order No.		Lead-free
	Tube	Tape and Reel	
9	87438-0942	87438-0943	Yes
10	87438-1042	87438-1043	
11	87438-1142	87438-1143	
12	87438-1242	87438-1243	
13	87438-1342	87438-1343	
14	87438-1442	87438-1443	
15	87438-1542	87438-1543	