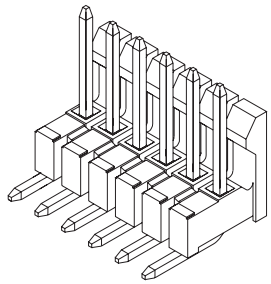
2.54mm (.100") Pitch KK® Breakaway Header

42228
Right Angle Friction Lock



Features and Benefits
- Sizes 2 to 36 circuits
- Available with kinked pins for better PC board retention
- Available with end backwalls removed for left to right polarization
- Various pin lengths available (contact Molex)
- Voided circuits available (contact Molex)

Reference Information
Product Specification: PS-10-07
Packaging: Bag
Tooling Information: See cutting tool section
UL File No.: E29179
CSA File No.: LR19980
Mates With: 2695, 4455, 6471, 7720 and 7880
Designed In: Inches

Electrical
Voltage: 250V
Current: 4.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 50,000 Megohms min.

Mechanical
Durability: Tin—25 cycles max.
Gold—100 cycles max.

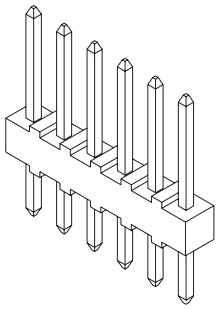
Physical
Housing: Glass-filled nylon, UL 94V-0
Contact: Phosphor Bronze, 0.64mm (.025") square
Plating: See Table
Operating Temperature: -40 to +105˚C

Order No.								
Standard			With Kinked Tails			With Backwalls Removed		
Tin	15µ" Select Gold	30µ" Select Gold	Tin	15µ" Select Gold	30µ" Select Gold	Tin	15µ" Select Gold	30µ" Select Gold
22-28-1XX0	22-28-1XX1	22-28-1XX2	22-28-1XX3	22-28-1XX4	22-28-1XX5	22-28-1XX6*	22-28-1XX7*	22-28-1XX8*
Replace XX with no. of circuits, 02-36								

* Available in 3 to 36 circuits only
Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.

2.54mm (.100") Pitch KK® Solid Header

4030
Vertical



Features and Benefits
- Sizes 2 to 28 circuits
- 4030 with voids is 4380 Series
- Various pin lengths available
- Voided circuits available (contact Molex)

Reference Information
Product Specification: PS-10-07
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 2695, 4455, 6471, 7720 and 7880
Designed In: Inches

Electrical
Voltage: 250V
Current: 4.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 50K Megohms min.

Mechanical
Durability: Tin—25 cycles max.
Gold—100 cycles max.

Physical
Housing: Nylon, UL 94V-0
Contact: Brass, 0.64mm (.025") square
Plating: See Table
Operating Temperature: 0 to +75˚C

Circuits	Order No.		Lead-free
	Tin	Gold	
2	22-03-2021	22-10-2021	Yes
3	22-03-2031	22-10-2031	
4	22-03-2041	22-10-2041	
5	22-03-2051	22-10-2051	
6	22-03-2061	22-10-2061	
7	22-03-2071	22-10-2071	
8	22-03-2081	22-10-2081	
9	22-03-2091	22-10-2091	
10	22-03-2101	22-10-2101	

Circuits	Order No.		Lead-free
	Tin	Gold	
11	22-03-2111	22-10-2111	Yes
12	22-03-2121	22-10-2121	
13	22-03-2131	22-10-2131	
14	22-03-2141	22-10-2141	
15	22-03-2151	22-10-2151	
16	22-03-2161	22-10-2161	
17	22-03-2171	22-10-2171	
18	22-03-2181	22-10-2181	
19	22-03-2191	22-10-2191	

Circuits	Order No.		Lead-free
	Tin	Gold	
20	22-03-2201	22-10-2201	Yes
21	22-03-2211	22-10-2211	
22	22-03-2221	22-10-2221	
23	22-03-2231	22-10-2231	
24	22-03-2241	22-10-2241	
25	22-03-2251	22-10-2251	
26	22-03-2261	22-10-2261	
27	22-03-2271	22-10-2271	
28	22-03-2281	22-10-2281	

Note: In the Far East, the polyester product has different Engineering No. and Order No.
Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.