

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 28 circuits
- 42152 recommended for circuit sizes greater than 10
- 4030 with voids is 4380 Series

### Reference Information

Product Specification: PS-10-07  
 Packaging: Bulk  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: 2695, 4455, 6471, 7720, 7880 and 40555  
 Designed In: Inches

### Electrical

Voltage: 250V  
 Current: 4.0A  
 Contact Resistance: 20mΩ max.  
 Dielectric Withstanding Voltage: 1500V  
 Insulation Resistance: 50K MΩ min.

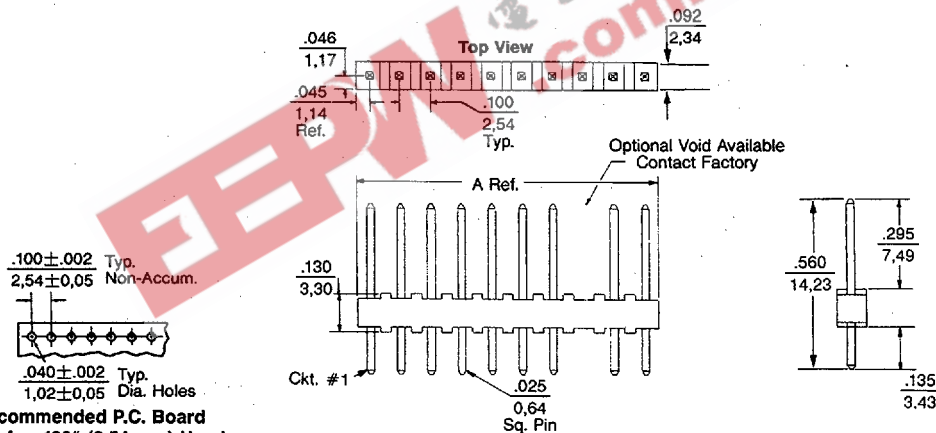
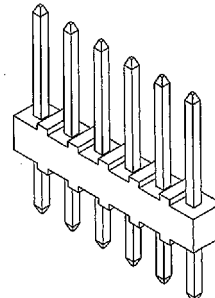
### Mechanical

Durability: 25 cycles

### Physical

Housing: 4030—Red nylon, UL 94V-0  
 42152—White glass-filled nylon, UL 94V-0  
 Contact: Brass, 0.64mm (.025") square  
 Plating: See Table  
 Temperature: -40 to +75°C

# molex® 2.54mm (.100") Pitch KK® Header 4030/42152 Straight Flat



Recommended P.C. Board  
 Layout for .100" (2.54 mm) Headers

inch  
 mm

## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.					Dimension A
	4030		42152			
	Tin	Gold	Tin	Gold	Select Gold	
2	• 22-03-2021	• 22-10-2021	22-66-2020	22-66-3020	22-10-7028	4.80 (1.190)
3	• 22-03-2031	• 22-10-2031	22-66-2030	22-66-3030	22-10-7038	7.40 (1.290)
4	• 22-03-2041	• 22-10-2041	22-66-2040	22-66-3040	22-10-7048	9.90 (1.390)
5	• 22-03-2051	• 22-10-2051	22-66-2050	22-66-3050	22-10-7058	12.50 (1.490)
6	• 22-03-2061	• 22-10-2061	22-66-2060	22-66-3060	22-10-7068	15.00 (1.590)
7	• 22-03-2071	• 22-10-2071	22-66-2070	22-66-3070	22-10-7078	17.50 (1.690)
8	• 22-03-2081	• 22-10-2081	22-66-2080	22-66-3080	22-10-7088	20.10 (1.790)
9	• 22-03-2091	• 22-10-2091	22-66-2090	22-66-3090	22-10-7098	22.60 (1.890)
10	• 22-03-2101	• 22-10-2101	22-66-2100	22-66-3100	22-10-7108	25.10 (1.990)
11	• 22-03-2111	• 22-10-2111	22-66-2110	22-66-3110	22-10-7118	27.70 (1.090)
12	• 22-03-2121	• 22-10-2121	22-66-2120	22-66-3120	22-10-7128	30.20 (1.190)
13	• 22-03-2131	• 22-10-2131	22-66-2130	22-66-3130	22-10-7138	32.80 (1.290)
14	• 22-03-2141	• 22-10-2141	22-66-2140	22-66-3140	22-10-7148	35.30 (1.390)

Circuits	Order No.					Dimension A
	4030		42152			
	Tin	Gold	Tin	Gold	Select Gold	
15	• 22-03-2151	• 22-10-2151	22-66-2150	22-66-3150	22-10-7158	37.90 (1.490)
16	• 22-03-2161	• 22-10-2161	22-66-2160	22-66-3160	22-10-7168	40.40 (1.590)
17	• 22-03-2171	• 22-10-2171	22-66-2170	22-66-3170	22-10-7178	42.90 (1.690)
18	• 22-03-2181	• 22-10-2181	22-66-2180	22-66-3180	22-10-7188	45.50 (1.790)
19	• 22-03-2191	• 22-10-2191	22-66-2190	22-66-3190	22-10-7198	48.00 (1.890)
20	• 22-03-2201	• 22-10-2201	22-66-2200	22-66-3200	22-10-7208	50.60 (1.990)
21	• 22-03-2211	• 22-10-2211	22-66-2210	22-66-3210	22-10-7218	53.10 (2.090)
22	• 22-03-2221	• 22-10-2221	22-66-2220	22-66-3220	22-10-7228	55.60 (2.190)
23	• 22-03-2231	• 22-10-2231	22-66-2230	22-66-3230	22-10-7238	58.20 (2.290)
24	• 22-03-2241	• 22-10-2241	22-66-2240	22-66-3240	22-10-7248	60.10 (2.390)
25	• 22-03-2251	• 22-10-2251	22-66-2250	22-66-3250	22-10-7258	63.20 (2.490)
28	• 22-03-2281	• 22-10-2281	22-66-2280	22-66-3280	22-10-7288	70.90 (2.790)

• US Standard Product, available through Molex franchised distributors  
 In the Far East the polyester product has different Engineering No. and Order No.  
 Contact factory for sales drawings on 70309-XXXX