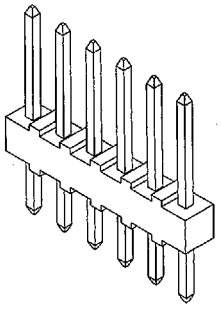
FEATURES AND SPECIFICATIONS

2.54mm (.100") Pitch KK® Header

4030/42152 Straight Flat



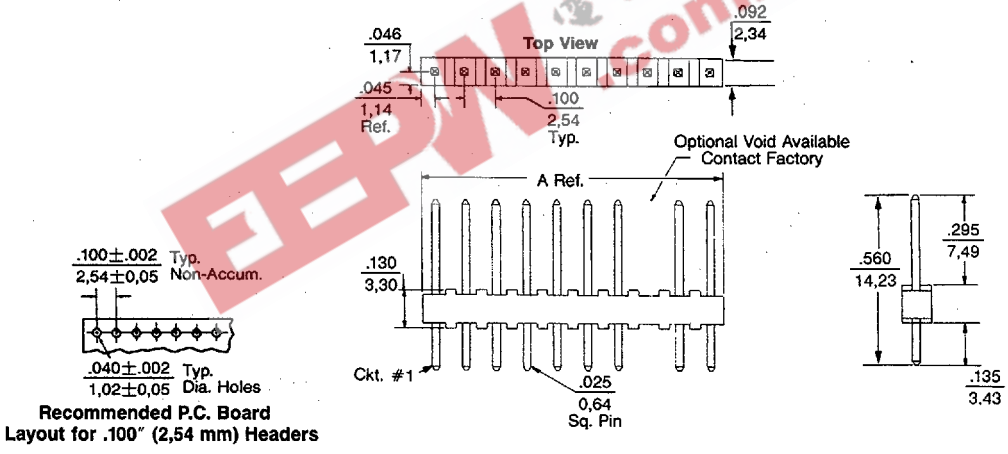
Features and Benefits
- Sizes 2 to 28 circuits
- 42152 recommended for circuit sizes greater than 10
- 4030 with voids is 4380 Series

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



Recommended P.C. Board Layout for .100" (2,54 mm) Headers

inch
mm

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No. 4030 Tin	Order No. 4030 Gold	Order No. 42152 Tin	Order No. 42152 Gold	Order No. 42152 Select Gold	Dimension A
2	• 22-03-2021	• 22-10-2021	22-66-2020	22-66-3020	22-10-7028	4.80 (.190)
3	• 22-03-2031	• 22-10-2031	22-66-2030	22-66-3030	22-10-7038	7.40 (.290)
4	• 22-03-2041	• 22-10-2041	22-66-2040	22-66-3040	22-10-7048	9.90 (.390)
5	• 22-03-2051	• 22-10-2051	22-66-2050	22-66-3050	22-10-7058	12.50 (.490)
6	• 22-03-2061	• 22-10-2061	22-66-2060	22-66-3060	22-10-7068	15.00 (.590)
7	• 22-03-2071	• 22-10-2071	22-66-2070	22-66-3070	22-10-7078	17.50 (.690)
8	• 22-03-2081	• 22-10-2081	22-66-2080	22-66-3080	22-10-7088	20.10 (.790)
9	• 22-03-2091	• 22-10-2091	22-66-2090	22-66-3090	22-10-7098	22.60 (.890)
10	• 22-03-2101	• 22-10-2101	22-66-2100	22-66-3100	22-10-7108	25.10 (.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. 4030 Tin	Order No. 4030 Gold	Order No. 42152 Tin	Order No. 42152 Gold	Order No. 42152 Select Gold	Dimension A
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