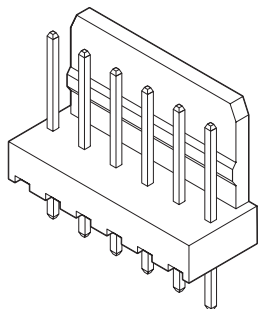


# 2.54mm (.100") Pitch KK<sup>®</sup> Header

## 6410 Vertical Friction Lock



### Features and Benefits

- Sizes 2 to 28 circuits
- Friction lock provides passive lock to connector with ramp
- Good in high vibration applications
- Higher backwall than the 6373 Series
- Various pin lengths available

### Reference Information

Product Specification: PS-10-07  
 Packaging: Bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: 2695 with locking ramp, 6471 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.

### Physical

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

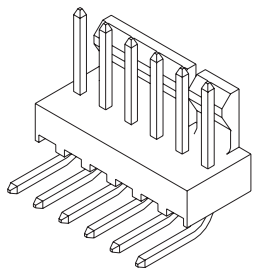
Circuits	Order No.		Lead-free
	Tin	Gold	
2	<a href="#">22-27-2021</a>	<a href="#">22-29-2021</a>	Yes
3	<a href="#">22-27-2031</a>	<a href="#">22-29-2031</a>	
4	<a href="#">22-27-2041</a>	<a href="#">22-29-2041</a>	
5	<a href="#">22-27-2051</a>	<a href="#">22-29-2051</a>	
6	<a href="#">22-27-2061</a>	<a href="#">22-29-2061</a>	
7	<a href="#">22-27-2071</a>	<a href="#">22-29-2071</a>	
8	<a href="#">22-27-2081</a>	<a href="#">22-29-2081</a>	
9	<a href="#">22-27-2091</a>	<a href="#">22-29-2091</a>	
10	<a href="#">22-27-2101</a>	<a href="#">22-29-2101</a>	

Circuits	Order No.		Lead-free
	Tin	Gold	
11	<a href="#">22-27-2111</a>	<a href="#">22-29-2111</a>	Yes
12	<a href="#">22-27-2121</a>	<a href="#">22-29-2121</a>	
13	<a href="#">22-27-2131</a>	<a href="#">22-29-2131</a>	
14	<a href="#">22-27-2141</a>	<a href="#">22-29-2141</a>	
15	<a href="#">22-27-2151</a>	<a href="#">22-29-2151</a>	
16	<a href="#">22-27-2161</a>	<a href="#">22-29-2161</a>	
17	<a href="#">22-27-2171</a>	<a href="#">22-29-2171</a>	
18	<a href="#">22-27-2181</a>	<a href="#">22-29-2181</a>	
19	<a href="#">22-27-2191</a>	<a href="#">22-29-2191</a>	

Circuits	Order No.		Lead-free
	Tin	Gold	
20	<a href="#">22-27-2201</a>	<a href="#">22-29-2201</a>	Yes
21	<a href="#">22-27-2211</a>	<a href="#">22-29-2211</a>	
22	<a href="#">22-27-2221</a>	<a href="#">22-29-2221</a>	
23	<a href="#">22-27-2231</a>	<a href="#">22-29-2231</a>	
24	<a href="#">22-27-2241</a>	<a href="#">22-29-2241</a>	
25	<a href="#">22-27-2251</a>	<a href="#">22-29-2251</a>	
26	<a href="#">22-27-2261</a>	<a href="#">22-29-2261</a>	
27	<a href="#">22-27-2271</a>	<a href="#">22-29-2271</a>	
28	<a href="#">22-27-2281</a>	<a href="#">22-29-2281</a>	

# 2.54mm (.100") Pitch KK<sup>®</sup> Solid Header

## 7478 Right Angle, Friction Lock



### Features and Benefits

- Sizes 2 to 28 circuits
- Friction lock provides passive lock to connector with ramp
- 7478 with voids is 7832 Series
- Various pin lengths available
- End-to-end stackable
- Edge mount only

### 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	<a href="#">22-05-3021</a>	<a href="#">22-12-2024</a>	Yes
3	<a href="#">22-05-3031</a>	<a href="#">22-12-2034</a>	
4	<a href="#">22-05-3041</a>	<a href="#">22-12-2044</a>	
5	<a href="#">22-05-3051</a>	<a href="#">22-12-2054</a>	
6	<a href="#">22-05-3061</a>	<a href="#">22-12-2064</a>	
7	<a href="#">22-05-3071</a>	<a href="#">22-12-2074</a>	
8	<a href="#">22-05-3081</a>	<a href="#">22-12-2084</a>	
9	<a href="#">22-05-3091</a>	<a href="#">22-12-2094</a>	
10	<a href="#">22-05-3101</a>	<a href="#">22-12-2104</a>	

Circuits	Order No.		Lead-free
	Tin	Gold	
11	<a href="#">22-05-3111</a>	<a href="#">22-12-2114</a>	Yes
12	<a href="#">22-05-3121</a>	<a href="#">22-12-2124</a>	
13	<a href="#">22-05-3131</a>	<a href="#">22-12-2134</a>	
14	<a href="#">22-05-3141</a>	<a href="#">22-12-2144</a>	
15	<a href="#">22-05-3151</a>	<a href="#">22-12-2154</a>	
16	<a href="#">22-05-3161</a>	<a href="#">22-12-2164</a>	
17	<a href="#">22-05-3171</a>	<a href="#">22-12-2174</a>	
18	<a href="#">22-05-3181</a>	<a href="#">22-12-2184</a>	
19	<a href="#">22-05-3191</a>	<a href="#">22-12-2194</a>	

Circuits	Order No.		Lead-free
	Tin	Gold	
20	<a href="#">22-05-3201</a>	<a href="#">22-12-2204</a>	Yes
21	<a href="#">22-05-3211</a>	<a href="#">22-12-2214</a>	
22	<a href="#">22-05-3221</a>	<a href="#">22-12-2224</a>	
23	<a href="#">22-05-3231</a>	<a href="#">22-12-2234</a>	
24	<a href="#">22-05-3241</a>	<a href="#">22-12-2244</a>	
25	<a href="#">22-05-3251</a>	<a href="#">22-12-2254</a>	
26	<a href="#">22-05-3261</a>	<a href="#">22-12-2264</a>	
27	<a href="#">22-05-3271</a>	<a href="#">22-12-2274</a>	
28	<a href="#">22-05-3281</a>	<a href="#">22-12-2284</a>	

Note: Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.

