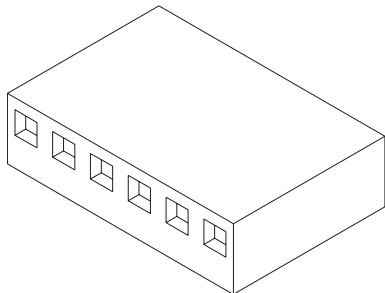


# 3.96mm (.156") Pitch KK<sup>®</sup> Crimp Terminal Housing

41695



### Features and Benefits

- Sizes 2 to 20 circuits
- Locking ramp feature available
- Polarizing rib feature available for side-to-side polarization
- Offset pin entry holes provide 180° polarization
- Accepts entire line of .156" contacts
- Optional voids available

### Reference Information

Product Specification: PS-08-50  
 Packaging: Bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: Molex KK 3.96mm (.156") pitch headers or 1.14mm (.045") pins  
 Use With: 2478, 2578, 6838 and 7258 terminals  
 Designed In: Inches

### Electrical

Voltage: 250V AC max.  
 Current: Phosphor Bronze—7.0A max.  
           Brass—5.0A max.  
 Dielectric Withstanding Voltage: 1500V AC  
 Insulation Resistance: 500K Megohms min.

### Mechanical

Contact Insertion Force: 1.8kg (4 lb) max.  
 Contact Retention to Housing: 3.6kg (8 lb) min.  
 Mating Force: Square pin—2.25 lb max.  
                   Round pin—1.60 lb max.  
 Unmating Force: Square pin—0.84 lb min.  
                   Round pin—0.60 lb min.  
 Normal Force: 0.75kg (1.65 lb)  
 Durability: 25 cycles max.

### Physical

Housing: Polyester, UL 94V-0  
 Operating Temperature: 0 to +75°C

Circuits	Order No.		
	With Locking Ramp and Polarizing Ribs	Without Locking Ramp or Polarizing Ribs	With Locking Ramp Only
2	<a href="#">09-50-8023</a>	<a href="#">09-50-8020</a>	<a href="#">09-50-8021</a>
3	<a href="#">09-50-8033</a>	<a href="#">09-50-8030</a>	<a href="#">09-50-8031</a>
4	<a href="#">09-50-8043</a>	<a href="#">09-50-8040</a>	<a href="#">09-50-8041</a>
5	<a href="#">09-50-8053</a>	<a href="#">09-50-8050</a>	<a href="#">09-50-8051</a>
6	<a href="#">09-50-8063</a>	<a href="#">09-50-8060</a>	<a href="#">09-50-8061</a>
7	<a href="#">09-50-8073</a>	<a href="#">09-50-8070</a>	<a href="#">09-50-8071</a>
8	<a href="#">09-50-8083</a>	<a href="#">09-50-8080</a>	<a href="#">09-50-8081</a>
9	<a href="#">09-50-8093</a>	<a href="#">09-50-8090</a>	<a href="#">09-50-8091</a>
10	<a href="#">09-50-8103</a>	<a href="#">09-50-8100</a>	<a href="#">09-50-8101</a>
11	<a href="#">09-50-8113</a>	<a href="#">09-50-8110</a>	<a href="#">09-50-8111</a>

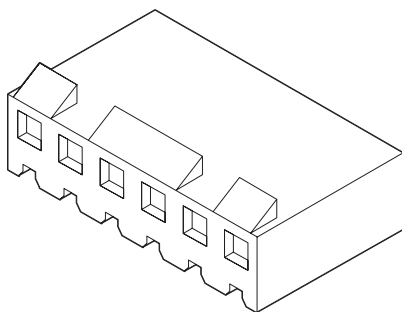
Note: When mating polarizing rib version with breakaway friction lock header or polarizing wall series, the end friction lock or polarizing wall of header must be removed.

Circuits	Order No.		
	With Locking Ramp and Polarizing Ribs	Without Locking Ramp or Polarizing Ribs	With Locking Ramp Only
12	<a href="#">09-50-8123</a>	<a href="#">09-50-8120</a>	<a href="#">09-50-8121</a>
13	<a href="#">09-50-8133</a>	<a href="#">09-50-8130</a>	<a href="#">09-50-8131</a>
14	<a href="#">09-50-8143</a>	<a href="#">09-50-8140</a>	<a href="#">09-50-8141</a>
15	<a href="#">09-50-8153</a>	<a href="#">09-50-8150</a>	<a href="#">09-50-8151</a>
16	<a href="#">09-50-8163</a>	<a href="#">09-50-8160</a>	<a href="#">09-50-8161</a>
17	<a href="#">09-50-8173</a>	<a href="#">09-50-8170</a>	<a href="#">09-50-8171</a>
18	<a href="#">09-50-8183</a>	<a href="#">09-50-8180</a>	<a href="#">09-50-8181</a>
19	<a href="#">09-50-8193</a>	<a href="#">09-50-8190</a>	<a href="#">09-50-8191</a>
20	<a href="#">09-50-8203</a>	<a href="#">09-50-8200</a>	<a href="#">09-50-8201</a>

	Order No.
Polarizing Key	<a href="#">15-04-0297</a>

# 3.96mm (.156") Pitch KK<sup>®</sup> Crimp Terminal Housing

2139



### Features and Benefits

- Sizes 2 to 24 circuits
- Locking ramp available
- Molded void options available
- Standard ramp options available
- Polarizing pegs and keys available
- End-to-end stackable

### Reference Information

Product Specification: PS-08-50  
 Packaging: Bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: Molex KK 3.96mm (.156") pitch headers or 1.14mm (.045") pins  
 Use With: 2478 and 2578  
 Designed In: Inches

### Electrical

Voltage: 250V AC max.  
 Current: Phosphor Bronze—7.0A max.  
           Brass—5.0A max.  
 Dielectric Withstanding Voltage: 1500V AC  
 Insulation Resistance: 50K Megohms min.

### Mechanical

Contact Insertion Force: 1.8kg (4 lb) max.  
 Contact Retention to Housing: 3.6kg (8 lb) min.  
 Mating Force: Square pin—2.25 lb max.  
                   Round pin—1.60 lb max.  
 Unmating Force: Square pin—0.84 lb min.  
                   Round pin—0.60 lb min.  
 Normal Force: 0.75kg (1.65 lb)

### Physical

Housing: Nylon, UL 94V-2 (see 41695 for UL 94V-0 polyester)  
 Operating Temperature: 0 to +75°C

Circuits	Order No.	
	Without Locking Ramp	With Locking Ramp
2	<a href="#">09-50-7021</a>	<a href="#">09-50-3021</a>
3	<a href="#">09-50-7031</a>	<a href="#">09-50-3031</a>
4	<a href="#">09-50-7041</a>	<a href="#">09-50-3041</a>
5	<a href="#">09-50-7051</a>	<a href="#">09-50-3051</a>
6	<a href="#">09-50-7061</a>	<a href="#">09-50-3061</a>
7	<a href="#">09-50-7071</a>	<a href="#">09-50-3071</a>
8	<a href="#">09-50-7081</a>	<a href="#">09-50-3081</a>
9	<a href="#">09-50-7091</a>	<a href="#">09-50-3091</a>

Circuits	Order No.	
	Without Locking Ramp	With Locking Ramp
10	<a href="#">09-50-7101</a>	<a href="#">09-50-3101</a>
11	<a href="#">09-50-7111</a>	<a href="#">09-50-3111</a>
12	<a href="#">09-50-7121</a>	<a href="#">09-50-3121</a>
13	<a href="#">09-50-7131</a>	<a href="#">09-50-3131</a>
14	<a href="#">09-50-7141</a>	<a href="#">09-50-3141</a>
15	<a href="#">09-50-7151</a>	<a href="#">09-50-3151</a>
16	<a href="#">09-50-7161</a>	<a href="#">09-50-3161</a>
17	<a href="#">09-50-7171</a>	<a href="#">09-50-3171</a>

Circuits	Order No.	
	Without Locking Ramp	With Locking Ramp
18	<a href="#">09-50-7181</a>	<a href="#">09-50-3181</a>
19	<a href="#">09-50-7191</a>	<a href="#">09-50-3191</a>
20	<a href="#">09-50-7201</a>	<a href="#">09-50-3201</a>
21	<a href="#">09-50-7211</a>	<a href="#">09-50-3211</a>
22	<a href="#">09-50-7221</a>	<a href="#">09-50-3221</a>
23	<a href="#">09-50-7231</a>	<a href="#">09-50-3231</a>
24	<a href="#">09-50-7241</a>	<a href="#">09-50-3241</a>

	Order No.
Polarizing Key	<a href="#">15-04-0219</a>
Polarizing Peg	<a href="#">15-04-0220</a>

Note: Use 41695 for .100" and over insulation diameter wire

