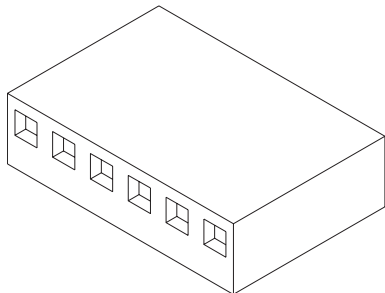


3.96mm (.156") Pitch KK[®] Crimp Terminal Housing

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	09-50-8023	09-50-8020	09-50-8021
3	09-50-8033	09-50-8030	09-50-8031
4	09-50-8043	09-50-8040	09-50-8041
5	09-50-8053	09-50-8050	09-50-8051
6	09-50-8063	09-50-8060	09-50-8061
7	09-50-8073	09-50-8070	09-50-8071
8	09-50-8083	09-50-8080	09-50-8081
9	09-50-8093	09-50-8090	09-50-8091
10	09-50-8103	09-50-8100	09-50-8101
11	09-50-8113	09-50-8110	09-50-8111

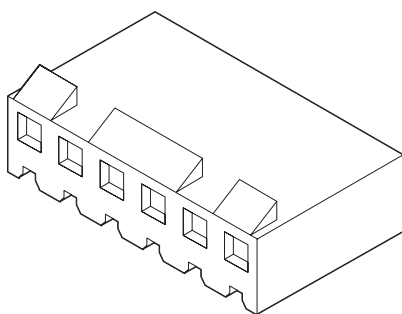
Note: When mating polarizing rib version with breakaway friction lock header or polarizing wall series, the end friction lock or polarizing wall of header must be removed.

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

Polarizing Key	Order No.
	15-04-0297

3.96mm (.156") Pitch KK[®] 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	09-50-7021	09-50-3021
3	09-50-7031	09-50-3031
4	09-50-7041	09-50-3041
5	09-50-7051	09-50-3051
6	09-50-7061	09-50-3061
7	09-50-7071	09-50-3071
8	09-50-7081	09-50-3081
9	09-50-7091	09-50-3091

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

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

Polarizing Key	Order No.
	15-04-0219
Polarizing Peg	15-04-0220

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

