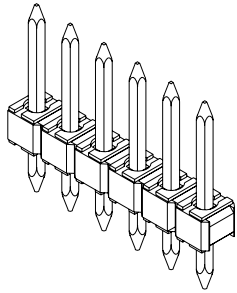


2.54mm (.100") Pitch KK[®] Breakaway Header

42375
Vertical



Features and Benefits

- Sizes 2 to 36 circuits
- Available with kinked PC tails
- .240, .295 and .320" standard mating lengths
- Voided circuits available (contact Molex)

Reference Information

Product Specification: PS-10-07
UL File No.: E29179
CSA File No.: LR19980
Mates With: 2695, 4455, 6471, 7720, 7859, 7880,
40556, 70066A, 70400A, 70430, 90147
and 90148

Electrical

Voltage: 250V
Current: 4.0A
Contact Resistance: 20 milliohms max.

Mechanical

Durability: Tin—25 cycles max.
Gold—100 cycles max.

Physical

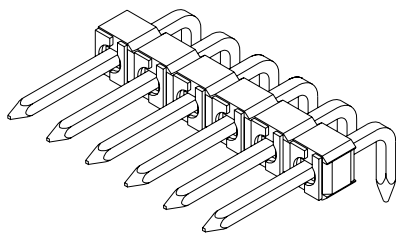
Housing: 4/6 glass-filled nylon, UL 94V-0
Contact: Phosphor Bronze

Plating Option	Order No.						Lead-free
	Mating End Length = 6.09mm (.240")		Mating End Length = 7.49mm (.295")		Mating End Length = 8.13mm (.320")		
	PC Tail Length = 3.18mm (.125")	PC Tail Length = 3.43mm (.135") Kinked PC Tail	PC Tail Length = 3.05mm (.120")	PC Tail Length = 3.43mm (.135") Kinked PC Tail	PC Tail Length = 3.05mm (.130")	PC Tail Length = 3.43mm (.135") Kinked PC Tail	
Tin	22-28-4XX0	22-28-5XX0	22-28-4XX2	22-28-5XX2	22-28-4XX1	22-28-5XX1	Yes
15 μ m select Gold	22-28-4XX3	22-28-5XX3	22-28-4XX5	22-28-5XX5	22-28-4XX4	22-28-5XX4	
30 μ m select Gold	22-28-4XX6	22-28-5XX6	22-28-4XX8	22-28-5XX8	22-28-4XX7	22-28-5XX7	

Replace XX with no. of circuits, 02-36

2.54mm (.100") Pitch KK[®] Breakaway Header

42377
Right Angle



Features and Benefits

- Sizes 2 to 36 circuits
- Available with kinked PC tails
- .244 or .324" standard mating lengths
- Voided circuits available (contact Molex)
- Various pin lengths available

Reference Information

Product Specification: PS-10-07
UL File No.: E29179
CSA File No.: LR19980
Mates With*: 2695, 4455, 6471, 7720, 7859, 7880,
40556, 70066A, 70400A, 70430, 90147 and 90148

Electrical

Voltage: 250V
Current: 4.0A
Contact Resistance: 20 milliohms max.

Mechanical

Durability: Tin—25 cycles max.
Gold—100 cycles max.

Physical

Housing: 4/6 glass-filled nylon, UL 94V-0
Contact: Phosphor Bronze

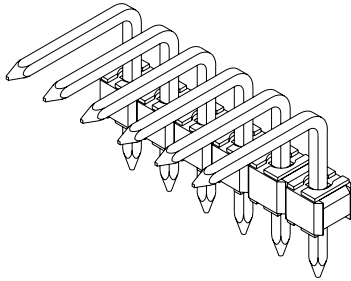
Plating Option	Order No.				Lead-free
	Mating End Length = 6.20mm (.244")		Mating End Length = 8.23mm (.324")		
	PC Tail Length = 3.05mm (.120")	PC Tail Length = 3.43mm (.135") Kinked PC Tail	PC Tail Length = 3.05mm (.120")	PC Tail Length = 3.43mm (.135") Kinked PC Tail	
Tin	22-28-8XX0	22-28-9XX0	22-28-8XX1	22-28-9XX1	Yes
15 μ m select Gold	22-28-8XX2	22-28-9XX2	22-28-8XX3	22-28-9XX3	
30 μ m select Gold	22-28-8XX4	22-28-9XX4	22-28-8XX5	22-28-9XX5	

Replace XX with no. of circuits, 02-36

* 2695, 4455 and 7880 mate when 42377 is at board edge only
Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.

2.54mm (.100") Pitch KK[®] Breakaway Header

42376
Right Angle



Features and Benefits

- Sizes 2 to 36 circuits
- Available with kinked PC tails
- .361 and .405" standard mating lengths
- Tin and 15 or 30 μ " Gold plating
- Voids optional (contact Molex)
- Surface Mount Compatible

Reference Information

Product Specification: PS-10-07
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 2695, 4455, 6471, 7720, 7859, 7880, 40556,
 70066A, 70400A, 70430, 90147 and 90148

Electrical

Voltage: 250V
 Current: 4.0A
 Contact Resistance: 20 milliohms max.

Mechanical

Durability: Tin—25 cycles max.
 Gold—100 cycles max.

Physical

Housing: 4/6 glass-filled nylon, UL 94V-0
 Contact: Phosphor Bronze

Plating Option	Order No.			
	M = 9.17mm (.361") C = 3.61mm (.142") P = 3.06mm (.120")	M = 9.17mm (.361") C = 3.61mm (.142") P = 3.43mm (.135") Kinked PC Tail	M = 10.29mm (.405") C = 6.30mm (.248") P = 3.06mm (.120")	M = 10.29mm (.405") C = 6.30mm (.248") P = 3.43mm (.135") Kinked PC Tail
Tin	22-28-6XX0	22-28-7XX0	22-28-6XX1	22-28-7XX1
15 μ " select Gold	22-28-6XX2	22-28-7XX2	22-28-6XX3	22-28-7XX3
30 μ " select Gold	22-28-6XX4	22-28-7XX4	22-28-6XX5	22-28-7XX5

Replace XX with no. of circuits, 02-36

Note: Dimension M = Mating End, Dimension C = Mating Height and Dimension P = PC Tail
 Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.