

SPECIFICATIONS

Mechanical

Contact Retention Force: 0.91Kgf Min.

Electrical

Current Rating: 3.0A per pin min.

Dielectric Withstanding Voltage: 500V AC.

Insulation Resistance: 1000MΩ min.

Physical

Housing: Nylon 6.6, UL 94V-0, Color See "NOTES"

Contact: Copper alloy

Plating: See "ORDERING INFORMATION"

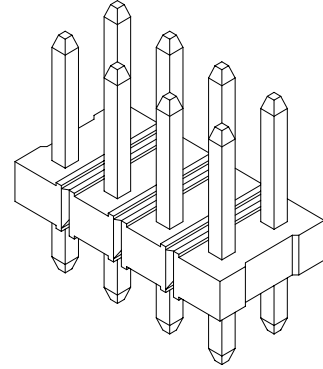
Operating Temperature: -40 to +105

Breakaway Header

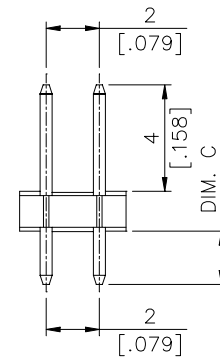
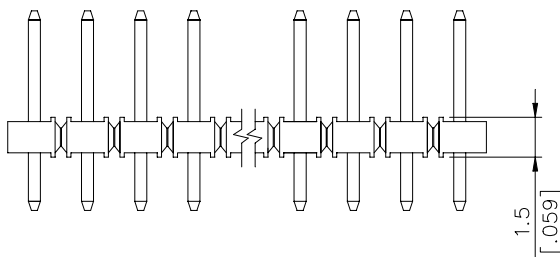
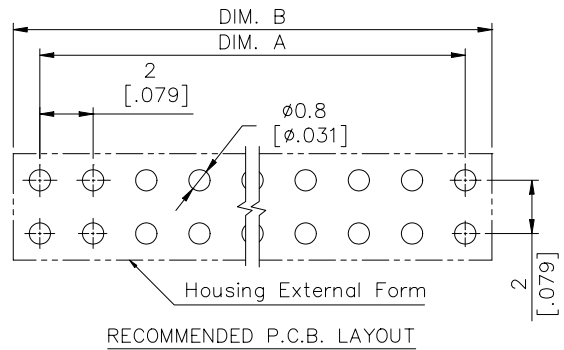
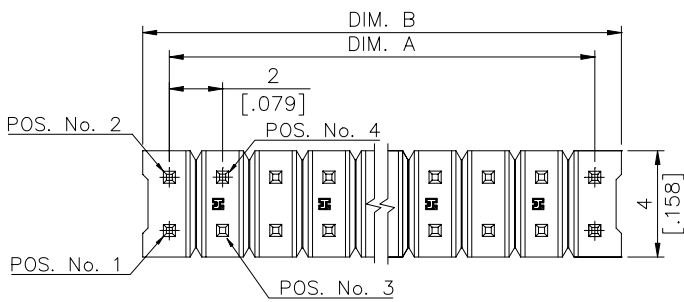
HC52 Series

T/H Type

2.00mm [.079"] Pitch

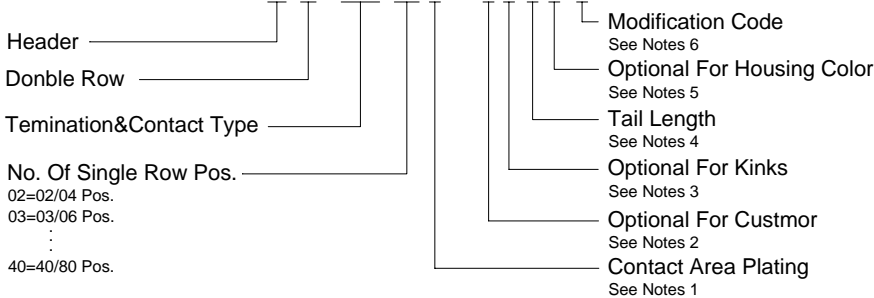


DRAWING



ORDERING INFORMATION

PRODUCT No. : H C 5 2 * * * - * * * * *



ORDERING INFORMATION

PROD. NO.	CIRCUITS	DIM.A	DIM.B	PROD. NO.	CIRCUITS	DIM.A	DIM.B	PROD. NO.	CIRCUITS	DIM.A	DIM.B
HC5202*-*****	2/4	2.00 [.079]	3.85 [.152]	HC5215*-*****	15/30	28.00 [1.103]	29.85 [1.176]	HC5228*-*****	28/56	54.00 [2.128]	55.85 [2.200]
HC5203*-*****	3/6	4.00 [.158]	5.85 [.230]	HC5216*-*****	16/32	30.00 [1.182]	31.85 [1.255]	HC5229*-*****	29/58	56.00 [2.206]	57.85 [2.279]
HC5204*-*****	4/8	6.00 [.236]	7.85 [.309]	HC5217*-*****	17/34	32.00 [1.261]	33.85 [1.334]	HC5230*-*****	30/60	58.00 [2.285]	59.85 [2.358]
HC5205*-*****	5/10	8.00 [.315]	9.85 [.388]	HC5218*-*****	18/36	34.00 [1.340]	35.85 [1.412]	HC5231*-*****	31/62	60.00 [2.364]	61.85 [2.437]
HC5206*-*****	6/12	10.00 [.394]	11.85 [.467]	HC5219*-*****	19/38	36.00 [1.418]	37.85 [1.491]	HC5232*-*****	32/64	62.00 [2.443]	63.85 [2.516]
HC5207*-*****	7/14	12.00 [.473]	13.85 [.546]	HC5220*-*****	20/40	38.00 [1.497]	39.85 [1.570]	HC5233*-*****	33/66	64.00 [2.522]	65.85 [2.594]
HC5208*-*****	8/16	14.00 [.552]	15.85 [.624]	HC5221*-*****	21/42	40.00 [1.576]	41.85 [1.649]	HC5234*-*****	34/68	66.00 [2.600]	67.85 [2.673]
HC5209*-*****	9/18	16.00 [.630]	17.85 [.703]	HC5222*-*****	22/44	42.00 [1.655]	43.85 [1.728]	HC5235*-*****	35/70	68.00 [2.679]	69.85 [2.752]
HC5210*-*****	10/20	18.00 [.709]	19.85 [.782]	HC5223*-*****	23/46	44.00 [1.734]	45.85 [1.806]	HC5236*-*****	36/72	70.00 [2.758]	71.85 [2.831]
HC5211*-*****	11/22	20.00 [.788]	21.85 [.861]	HC5224*-*****	24/48	46.00 [1.812]	47.85 [1.885]	HC5237*-*****	37/74	72.00 [2.837]	73.85 [2.910]
HC5212*-*****	12/24	22.00 [.867]	23.85 [.940]	HC5225*-*****	25/50	48.00 [1.891]	49.85 [1.964]	HC5238*-*****	38/76	74.00 [2.916]	75.85 [2.988]
HC5213*-*****	13/26	24.00 [.946]	25.85 [1.018]	HC5226*-*****	26/52	50.00 [1.970]	51.85 [2.043]	HC5239*-*****	39/78	76.00 [2.994]	77.85 [3.067]
HC5214*-*****	14/28	26.00 [1.024]	27.85 [1.097]	HC5227*-*****	27/54	52.00 [2.049]	53.85 [2.122]	HC5240*-*****	40/80	78.00 [3.073]	79.85 [3.146]

NOTES

1. Contact Area Plating

- 0: 100u" MIN. Tin Plating Over All
- 1: Gold Flash Over All
- 7: 15u" MIN. Gold Plating On Contact Area.
100u" MIN. Tin Plating On Tail.
- 3: 30u" MIN. Gold Plating On Contact Area.
100u" MIN. Tin Plating On Tail.
- G: Gold Flash On Contact Area.
100u" MIN. Tin Plating On Tail.
- U: Gold Flash On Contact Area.
100u" MIN. Tin Plating On Tail.
With RoHS Compliance
- E: 100u" MIN. Tin Plating Over All.
With RoHS Compliance
- H: 30u" MIN. Gold Plating On Contact Area.
100u" MIN. Tin Plating On Tail.
With RoHS Compliance
- V: 15u" MIN. Gold Plating On Contact Area.
100u" MIN. Tin Plating On Tail.
With RoHS Compliance
- F: Gold Flash Over All
With RoHS Compliance For Loose Pin.
Or Gold Flash On Contact Area.
100u" MIN. Tin Plating On Tail.
With RoHS Compliance For Bandolier Pin.

2. Optional For Custmor

- C: For Clone Market
- None: For Others

3. Optional For Kinks

- A) POS. 1/2, 3/6, 5/10
K= The MID. Pair Of Terminals
Is Kinked
- B) POS. 2/4, 4/8, 6/12
K= The Perceding Pair Of Terminals
In MID. Is Kinked
- C) POS. 7/14~40/80
K= The 2nd Pair From The Top And
The 2nd Pair From The End Two
Pairs Of Terminals Are Kinked
- D) For Removed Pin(s), Kink Position(s)
Should Be Changed To The Next Pair

4. Tail Length

- None: Standard Product
Tail Length DIM.C=2.15mm
- L: Tail Length DIM.C=3.10mm
- M: Tail Length DIM.C=2.65mm

5. Optional For Housing Color

- None: Standard Product, Color Black
- U: Blue Color (Pantone 661C)
- W: White Color
- Y: Yellow Color (Pantone 123C)
- R: Red Color (Pantone 032C)
- J: Warm Red Color (Pantone 1665C)
- G: Green Color (Pantone 347C)

6. Modification Code

CODE	DESCRIPTION
K0	SAME AS REMARK A
K1	PER EDGE WITH KINK.
K3	SAME AS REMARK A
K7	PER 7th PIN WITH KINK.
D0	1st PIN OMITTED.
D1	2nd & FINAL 2nd PINS OMITTED.
D2	20th POSITION OMITTED.
D3	21st POSITION OMITTED.
D4	8th POSITION OMITTED.
D5	3rd POSITION OMITTED.
D6	25th POSITION OMITTED.
D7	5th, 6th & 16th POSITION OMITTED.
D8	3rd & 8th POSITION OMITTED.
D9	3rd, 4th & 14th POSITION OMITTED.
P0	4th POSITION OMITTED.
P1	6th POSITION OMITTED.
P2	9th & 10th POSITION OMITTED.
P3	2nd POSITION OMITTED.
P4	5th POSITION OMITTED.
P5	10th POSITION OMITTED.
P6	11th POSITION OMITTED.
P7	29th POSITION OMITTED.
P8	7th POSITION OMITTED.
P9	9th POSITION OMITTED.
T1	1st & END PINS WITH KINK. 2nd POSITION OMITTED.
T2	ALL PINS WITH KINK. 3rd & 4th POSITION OMITTED.
T3	ALL PINS WITH KINK. 5th & 6th POSITION OMITTED.
T4	5th, 18th POSITION OMITTED.
T5	30th POSITION OMITTED.
T6	2nd, 11th, 12th & 28th POSITION OMITTED.
T7	8th & 16th POSITION OMITTED.
T8	2nd & 3rd POSITION OMITTED.
T9	2nd & 14th POSITION OMITTED.
L0	2nd, 7th & 17th POSITION OMITTED.
L1	12th POSITION OMITTED.
L2	4th, 14th & 19th POSITION OMITTED.
L3	4th & 7th POSITION OMITTED.
L4	7th, 8th & 18th POSITION OMITTED.
L5	18th POSITION OMITTED.
L6	14th POSITION OMITTED.
L7	5th & 6th POSITION OMITTED.
L8	2nd & 4th POSITION OMITTED.
L9	11th, 17th, 18th & 19th POSITION OMITTED.
U0	13th & 14th POSITION OMITTED.
U1	3rd & 5th POSITION OMITTED.
U2	17th POSITION OMITTED.
U3	10th POSITION AND 14th POSITION OMITTED.
U4	13th POSITION OMITTED.
U5	6th, 7th & 10th POSITION OMITTED.
U6	1st & 24th POSITION OMITTED.
U7	16th, 17th, 18th & 24th POSITION OMITTED.
U8	3rd, 4th, 29th & 32nd POSITION OMITTED.
U9	11th & 18th POSITION OMITTED.
E0	3rd, 25th & 26th POSITION OMITTED.
E1	7th, 8th & 10th POSITION OMITTED.
E2	7th & 8th POSITION OMITTED.
E3	7th, 8th, 15th, 16th, 23rd & 24th POS. OMITTED.
E4	13th, 14th & 15th POSITION OMITTED.
E5	27th POSITION OMITTED.
E6	1st, 11th, 12th & 15th POS. OMITTED.
E7	7th, 8th, 15th & 16th POS. OMITTED.
E8	1st & 5th POSITION OMITTED.
E9	13th, 14th & 16th POS. OMITTED.
TR	TRIPLE ROW
B0	3rd, 4th, 17th, 19th & 20th POSITION OMITTED.
B2	6th & 12th POSITION OMITTED.
B8	3rd, 14th, 16th, & 23th POSITION OMITTED.
F1	22th POSITION OMITTED
F2	13th, 15th & 16th POSITION OMITTED
F3	3rd & 9th POSITION OMITTED
F4	3rd, 4th & 13th POSITION OMITTED
F5	10th & 15th POSITION OMITTED
F7	3rd & 11th POSITION OMITTED
F8	3rd & 6th POSITION OMITTED
F9	3rd & 4th POSITION OMITTED
QT	11~14 POSITION PE PAPER COLOR IS GREEN 3285U