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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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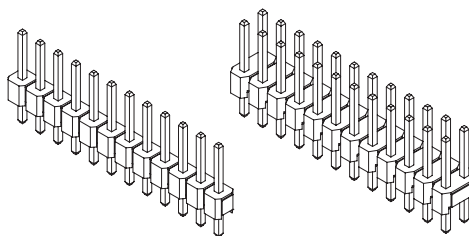




## .100" [2.54 mm] Contact Centers, Male Breakaway Headers, Straight

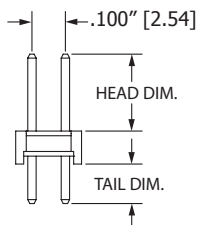
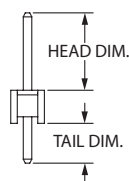
### SPECIFICATIONS

- 3 Amps current rating
- UL Flammability Rating: 94V-0
- Insulator Material: PBT, Nylon, LCP
- Contact Material: Brass



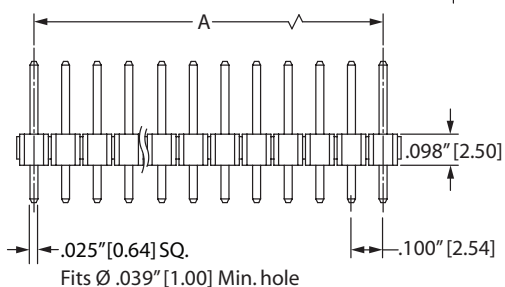
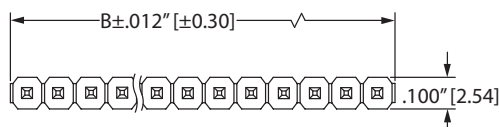
### TERMINATION TYPES

#### STRAIGHT TERMINATIONS

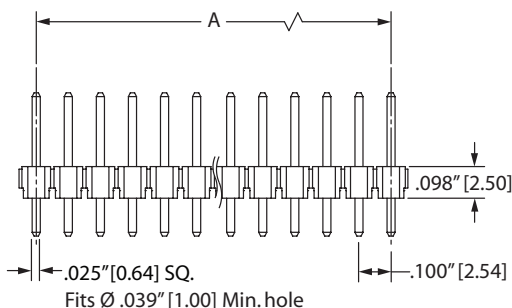
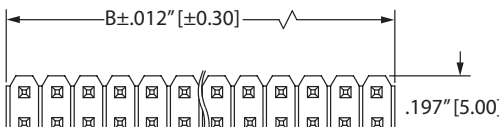


P/N CODE	HEAD	TAIL
AA	0.230" [5.84]	0.120" [3.05]
AB	0.230" [5.84]	0.230" [5.84]
AC	0.230" [5.84]	0.320" [8.13]
AD	0.230" [5.84]	0.420" [10.67]
AE	0.230" [5.84]	0.520" [13.21]
AF	0.230" [5.84]	0.620" [15.75]
AG	0.230" [5.84]	0.720" [18.29]
AH	0.230" [5.84]	0.820" [20.83]
AI	0.230" [5.84]	0.900" [22.86]
AJ	0.230" [5.84]	1.000" [25.40]
AK	0.230" [5.84]	0.035" [0.89]
FA	0.318" [8.08]	0.120" [3.05]
FB	0.318" [8.08]	0.220" [5.59]
FC	0.318" [8.08]	0.320" [8.13]
FD	0.318" [8.08]	0.420" [10.67]
FE	0.318" [8.08]	0.520" [13.21]
FF	0.318" [8.08]	0.620" [15.75]
FG	0.318" [8.08]	0.710" [18.03]
FH	0.318" [8.08]	0.810" [20.57]
FI	0.318" [8.08]	0.910" [23.11]
FJ	0.318" [8.08]	0.050" [1.27]
ZA	0.120" [3.05]	0.120" [3.05]
ZB	0.120" [3.05]	0.095" [2.41]
ZC	0.120" [3.05]	0.260" [6.60]
ZD	0.120" [3.05]	0.610" [15.49]
ZI	0.520" [13.21]	0.110" [2.79]
ZJ	0.720" [18.29]	0.110" [2.79]
ZO	0.820" [20.83]	0.110" [2.79]
ZQ	1.020" [25.91]	0.110" [2.79]
ZR	1.220" [30.99]	0.110" [2.79]

### DIMENSIONS



**SINGLE READOUT,  
STRAIGHT TAIL SHOWN**



**DUAL READOUT,  
STRAIGHT TAIL SHOWN**



## .100" [2.54 mm] Contact Centers, Male Breakaway Headers, Straight

### PART NUMBER OPTIONS

**PR B C 002 S AA N - RC**

#### MATERIALS (INSULATOR/CONTACT)

- PR = PBT/BRASS  
Operating Temperature: -40°C to +105°C  
Processing Temperature: Wave/Manual Soldering
- NR = NYLON/BRASS  
Operating Temperature: -40°C to +105°C  
Processing Temperature: Wave/Manual Soldering
- LR = LCP/BRASS  
Operating Temperature: -40°C to +125°C  
Processing Temperature: 230°C Max. for 60 sec.  
(260°C Max. for 10 sec.)

#### TERMINATION TYPE

- AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK,  
FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ,  
ZA, ZB, ZC, ZD, ZI, ZJ, ZO, ZQ, ZR

#### READOUT (Opposite Page)

- S = Single
- D = Dual

#### NUMBER OF POSITIONS

Contacts Per row, 002 Thru 040

#### CONTACT CENTERS

C = .100" [2.54 mm]

#### CONTACT FINISH - RoHS Compliant

All platings are Lead Free and have .000050" Nickel underplate

- | Contact Surface        | Termination              |
|------------------------|--------------------------|
| B = .000010" Gold      | .000100" Pure Tin, Matte |
| C = .000030" Gold      | .000100" Pure Tin, Matte |
| E = Tin Overall        |                          |
| P = Gold Flash Overall |                          |

PART NUMBER	A		B	
	in	mm	in	mm
_R_C002S___-RC	0.100	2.54	0.200	5.08
_R_C003S___-RC	0.200	5.08	0.300	7.62
_R_C004S___-RC	0.300	7.62	0.400	10.16
_R_C005S___-RC	0.400	10.16	0.500	12.70
_R_C006S___-RC	0.500	12.70	0.600	15.24
_R_C007S___-RC	0.600	15.24	0.700	17.78
_R_C008S___-RC	0.700	17.78	0.800	20.32
_R_C009S___-RC	0.800	20.32	0.900	22.86
_R_C010S___-RC	0.900	22.86	1.000	25.40
_R_C011S___-RC	1.000	25.40	1.100	27.94
_R_C012S___-RC	1.100	27.94	1.200	30.48
_R_C013S___-RC	1.200	30.48	1.300	33.02
_R_C014S___-RC	1.300	33.02	1.400	35.56
_R_C015S___-RC	1.400	35.56	1.500	38.10
_R_C016S___-RC	1.500	38.10	1.600	40.64
_R_C017S___-RC	1.600	40.64	1.700	43.18
_R_C018S___-RC	1.700	43.18	1.800	45.72
_R_C019S___-RC	1.800	45.72	1.900	48.26
_R_C020S___-RC	1.900	48.26	2.000	50.80
_R_C021S___-RC	2.000	50.80	2.100	53.34
_R_C022S___-RC	2.100	53.34	2.200	55.88
_R_C023S___-RC	2.200	55.88	2.300	58.42
_R_C024S___-RC	2.300	58.42	2.400	60.96
_R_C025S___-RC	2.400	60.96	2.500	63.50
_R_C026S___-RC	2.500	63.50	2.600	66.04
_R_C027S___-RC	2.600	66.04	2.700	68.58
_R_C028S___-RC	2.700	68.58	2.800	71.12
_R_C029S___-RC	2.800	71.12	2.900	73.66
_R_C030S___-RC	2.900	73.66	3.000	76.20
_R_C031S___-RC	3.000	76.20	3.100	78.74
_R_C032S___-RC	3.100	78.74	3.200	81.28
_R_C033S___-RC	3.200	81.28	3.300	83.82
_R_C034S___-RC	3.300	83.82	3.400	86.36
_R_C035S___-RC	3.400	86.36	3.500	88.90
_R_C036S___-RC	3.500	88.90	3.600	91.44
_R_C037S___-RC	3.600	91.44	3.700	93.98
_R_C038S___-RC	3.700	93.98	3.800	96.52
_R_C039S___-RC	3.800	96.52	3.900	99.06
_R_C040S___-RC	3.900	99.06	4.000	101.60

PART NUMBER	A		B	
	in	mm	in	mm
_R_C002D___-RC	0.100	2.54	0.200	5.08
_R_C003D___-RC	0.200	5.08	0.300	7.62
_R_C004D___-RC	0.300	7.62	0.400	10.16
_R_C005D___-RC	0.400	10.16	0.500	12.70
_R_C006D___-RC	0.500	12.70	0.600	15.24
_R_C007D___-RC	0.600	15.24	0.700	17.78
_R_C008D___-RC	0.700	17.78	0.800	20.32
_R_C009D___-RC	0.800	20.32	0.900	22.86
_R_C010D___-RC	0.900	22.86	1.000	25.40
_R_C011D___-RC	1.000	25.40	1.100	27.94
_R_C012D___-RC	1.100	27.94	1.200	30.48
_R_C013D___-RC	1.200	30.48	1.300	33.02
_R_C014D___-RC	1.300	33.02	1.400	35.56
_R_C015D___-RC	1.400	35.56	1.500	38.10
_R_C016D___-RC	1.500	38.10	1.600	40.64
_R_C017D___-RC	1.600	40.64	1.700	43.18
_R_C018D___-RC	1.700	43.18	1.800	45.72
_R_C019D___-RC	1.800	45.72	1.900	48.26
_R_C020D___-RC	1.900	48.26	2.000	50.80
_R_C021D___-RC	2.000	50.80	2.100	53.34
_R_C022D___-RC	2.100	53.34	2.200	55.88
_R_C023D___-RC	2.200	55.88	2.300	58.42
_R_C024D___-RC	2.300	58.42	2.400	60.96
_R_C025D___-RC	2.400	60.96	2.500	63.50
_R_C026D___-RC	2.500	63.50	2.600	66.04
_R_C027D___-RC	2.600	66.04	2.700	68.58
_R_C028D___-RC	2.700	68.58	2.800	71.12
_R_C029D___-RC	2.800	71.12	2.900	73.66
_R_C030D___-RC	2.900	73.66	3.000	76.20
_R_C031D___-RC	3.000	76.20	3.100	78.74
_R_C032D___-RC	3.100	78.74	3.200	81.28
_R_C033D___-RC	3.200	81.28	3.300	83.82
_R_C034D___-RC	3.300	83.82	3.400	86.36
_R_C035D___-RC	3.400	86.36	3.500	88.90
_R_C036D___-RC	3.500	88.90	3.600	91.44
_R_C037D___-RC	3.600	91.44	3.700	93.98
_R_C038D___-RC	3.700	93.98	3.800	96.52
_R_C039D___-RC	3.800	96.52	3.900	99.06
_R_C040D___-RC	3.900	99.06	4.000	101.60