

# Hi-Q Components

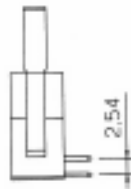
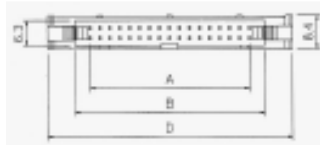
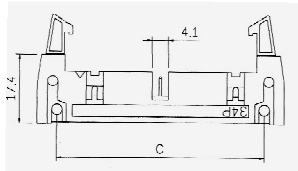
Hi-Q Electronics Ltd, PO Box 302 015, North Harbour, Auckland, New Zealand Ph + 64 9 415 3333 Fax + 64 9 415 8686

## PCB Headers with Latches

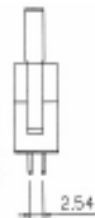
2.54mm pitch

- ★ Quality Brass Gold Plated Contacts.
- ★ Housing PBT 30% Glass ( UL94VO.)
- ★ Current Rating: 1A
- ★ Dielectric Strength: 500VAC for 1 min.
- ★ Operating Temp. -55°C to +105°C.

Part No. 32-119 xx S or R      S = Straight  
 xx = No of Contacts          R = Right Angle



Right angle



Straight

### Dimensions

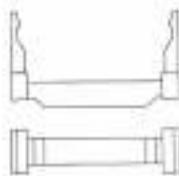
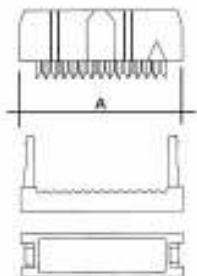
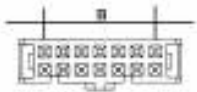
Positions	A	B	C	D
10	10.16	17.96	21.84	32.00
12	12.70	20.50	24.38	34.54
14	15.24	23.04	26.92	37.08
16	17.78	25.58	29.46	39.62
20	22.86	30.66	34.54	44.70
24	27.94	35.74	39.62	49.78
26	30.48	38.28	42.16	52.32
30	35.56	43.36	47.24	57.40
34	40.64	48.44	52.32	62.48
40	48.26	56.60	60.48	70.10
50	60.96	68.76	72.64	82.80
60	73.66	81.46	85.34	95.50
64	78.74	86.54	90.42	100.58

## IDC Socket with Strain Relief

2.54mm pitch

- ★ Contacts : Gold Plated Phosphor Bronze.
- ★ Housing PBT 30% Glass ( UL94VO.)
- ★ Contact Resistance: 30mΩ max at 100mA DC.
- ★ Current Rating: 1A
- ★ Operating Temp. -55°C to +105°C.

Part No. 32-110 xx      xx = No of Contacts



Strain Relief

### Dimensions

Positions	A	B
10	17.27	10.16
14	22.40	15.24
16	24.94	17.78
20	30.00	22.86
24	35.10	27.94
26	37.59	30.48
30	42.66	35.56
34	47.80	40.64
40	55.37	48.26
50	68.18	60.96
60	80.80	73.66
64	85.90	78.74

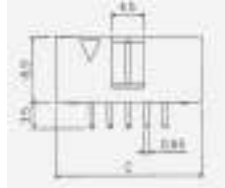
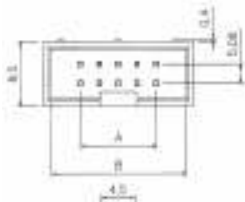
# Hi-Q Components

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## Box Header

- ★ Brass Gold Plated Contacts. ★ Current Rating: 1A
- ★ Housing PBT 30% Glass UL94VO.
- ★ Dielectric Strength: 500VAC for 1 min.
- ★ Operating Temp. -55°C to +105°C.

Part No 32-118 xx S or R S = Straight  
xx = No of Contacts R = Right Angle



### Dimensions

Positions	A	B	C
8	7.62	15.56	17.76
10	10.16	18.10	20.30
12	12.70	20.64	22.84
14	15.24	23.18	25.38
16	17.78	25.72	27.92
20	22.86	30.80	33.00
24	27.94	35.88	38.08
26	30.48	38.42	40.62
30	35.56	43.50	45.70
34	40.64	48.58	50.78
40	48.26	56.20	58.40
44	53.34	61.28	63.48
50	60.96	68.90	71.10
60	73.66	81.60	83.80
64	78.74	86.68	88.88

### 2.54mm Pitch



Right angle

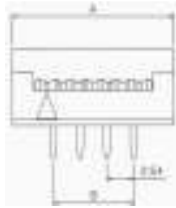


Straight

## DIP Transition - PCB to Ribbon.

- ★ Current Rating: 1A ★ Contacts : Gold Plated Brass
- ★ Housing: PBT 30% Glass UL94VO

Part No. 32-123 xx xx = No of Contacts



### Dimensions

Positions	A	B
8	15.48	7.62
10	18.02	10.16
12	20.56	12.70
14	23.10	15.24
16	25.64	17.78
18	28.18	20.32
20	30.72	22.86
24	35.84	27.98
28	40.88	33.02
30	43.42	35.56
34	48.50	40.64
40	56.12	48.26
50	68.82	60.96
60	81.52	73.66
64	86.60	78.74

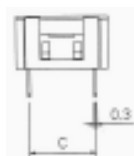
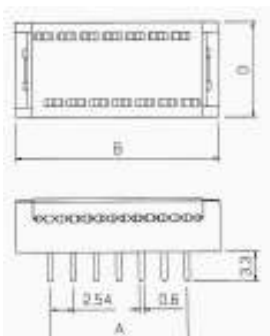
### 2.54mm Pitch



## DIP Plug

- ★ Housing: PBT 40% Glass Fibre UL94VO.)
- ★ Contacts: Phosphor Bronze
- ★ Current Rating: 1A
- ★ Contact Resistance: 30mΩ max at 100mA DC.
- ★ Insulation Resistance: 1000mΩ min. at DC 500V
- ★ Operating Temp. -55°C to +105°C.

Part No. 32-124 xx xx = No of Contacts



### Dimensions

Positions	A	B	C	D
8	7.62	14.60	7.62	10.60
10	10.16	16.96	7.62	10.60
14	15.24	22.74	7.62	10.60
16	17.78	25.12	7.62	10.60
18	20.32	26.74	7.62	10.60
20	22.86	29.74	7.62	10.60
24	27.94	35.00	7.62	10.60
28	33.02	40.10	7.62	10.60
40	48.28	55.20	7.62	10.60

### 2.54mm Pitch

