



2.0mm Box Header SMT (Elevated) Type

MATERIAL

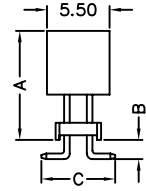
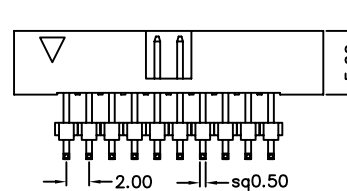
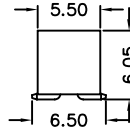
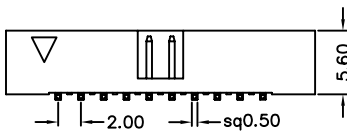
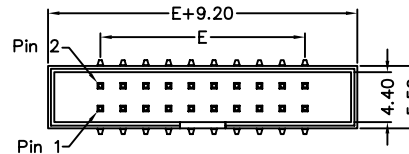
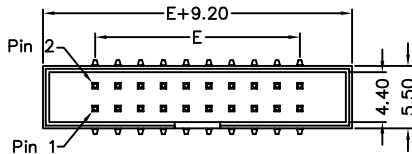
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

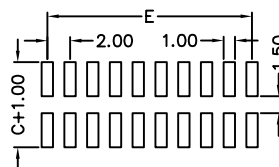
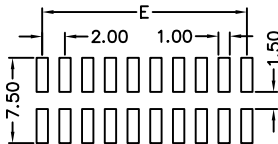
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

52x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
522-x0-xxGB00

1. 2: SMT Type
- 8: SMT Elevated Type
2. 7: Green Product
- 9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
- S: Selective Gold Plating
- T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B/C and
contact our sales representatives.

DIM A	DIM B	DIM C

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E								
		18	16.00	32	30.00	64	62.00								
6	4.00	20	18.00	34	32.00	68	66.00								
8	6.00	22	20.00	36	34.00										
10	8.00	24	22.00	40	38.00										
12	10.00	26	24.00	44	42.00										
14	12.00	28	26.00	50	48.00										
16	14.00	30	28.00	60	58.00										



2.0mm Box Header (Narrow) Straight (Elevated) Type

MATERIAL

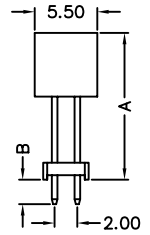
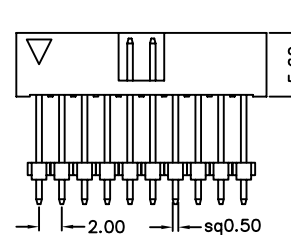
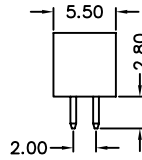
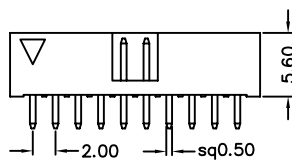
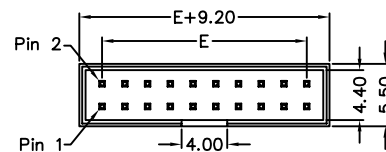
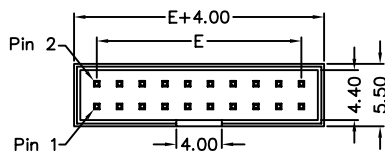
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

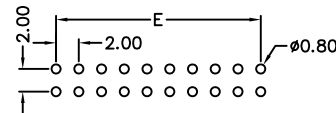
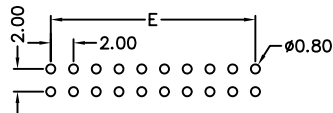
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

52x-x 0 - xx G B xx
1 2 3 4 5

1. A: Straight Type
R: Straight Elevated Type
2. 7: Green Product
9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating

5. Pinrex internal code

Standard Parts
52A-x0-xxGB00

If you need other dimensions
please fill out DIM A/B and
contact our sales representatives.

DIM A	DIM B

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E					NOTE
		18	16.00	32	30.00	64	62.00					Please be advised that not all positions are available because of small market demand. Any inquiries, please contact our sales rep.!
6	4.00	20	18.00	34	32.00	68	66.00					
8	6.00	22	20.00	36	34.00							
10	8.00	24	22.00	40	38.00							
12	10.00	26	24.00	44	42.00							
14	12.00	28	26.00	50	48.00							
16	14.00	30	28.00	60	58.00							



2.0mm Box Header (Narrow) Right Angle (Elevated) Type

MATERIAL

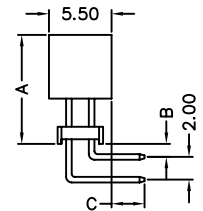
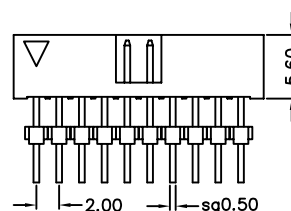
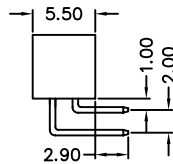
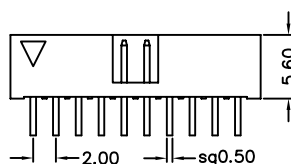
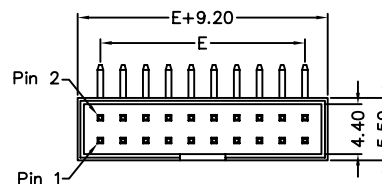
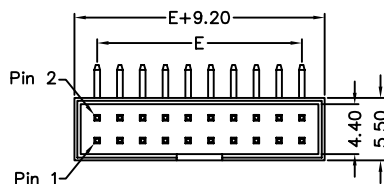
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

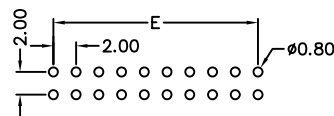
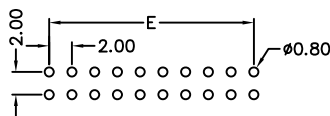
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

52x-x 0 - xx G B xx
1 2 3 4 5

1. B: Right Angle Type
Q: R/A Elevated Type
2. 7: Green Product
9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B/C and
contact our sales representatives.

DIM A	DIM B	DIM C

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E					NOTE
		18	16.00	32	30.00	64	62.00					Please be advised that not all positions are available because of small market demand. Any inquiries, please contact our sales rep.!
6	4.00	20	18.00	34	32.00	68	66.00					
8	6.00	22	20.00	36	34.00							
10	8.00	24	22.00	40	38.00							
12	10.00	26	24.00	44	42.00							
14	12.00	28	26.00	50	48.00							
16	14.00	30	28.00	60	58.00							



2.0mm Box Header (Narrow) SMT (Elevated) Type

MATERIAL

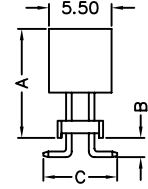
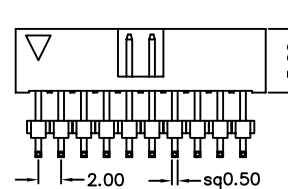
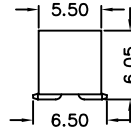
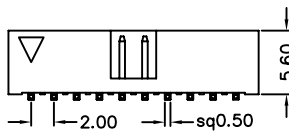
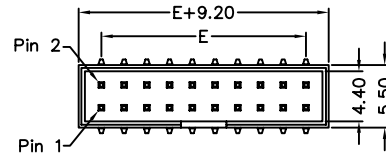
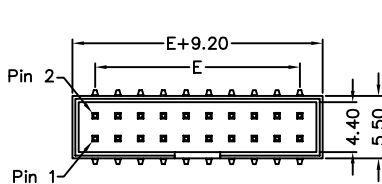
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

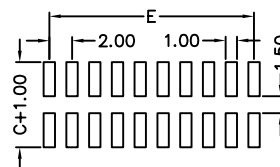
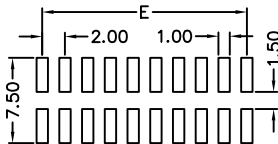
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

52x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
52C-x0-xxGB00

1. C: SMT Type
P: SMT Elevated Type
2. 7: Green Product
9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B/C and
contact our sales representatives.

DIM A	DIM B	DIM C

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E					NOTE
		18	16.00	32	30.00	64	62.00					Please be advised that not all positions are available because of small market demand. Any inquiries, please contact our sales rep.!
6	4.00	20	18.00	34	32.00	68	66.00					
8	6.00	22	20.00	36	34.00							
10	8.00	24	22.00	40	38.00							
12	10.00	26	24.00	44	42.00							
14	12.00	28	26.00	50	48.00							
16	14.00	30	28.00	60	58.00							



2.0mm Box Header Narrow Type with Stand-Off

MATERIAL

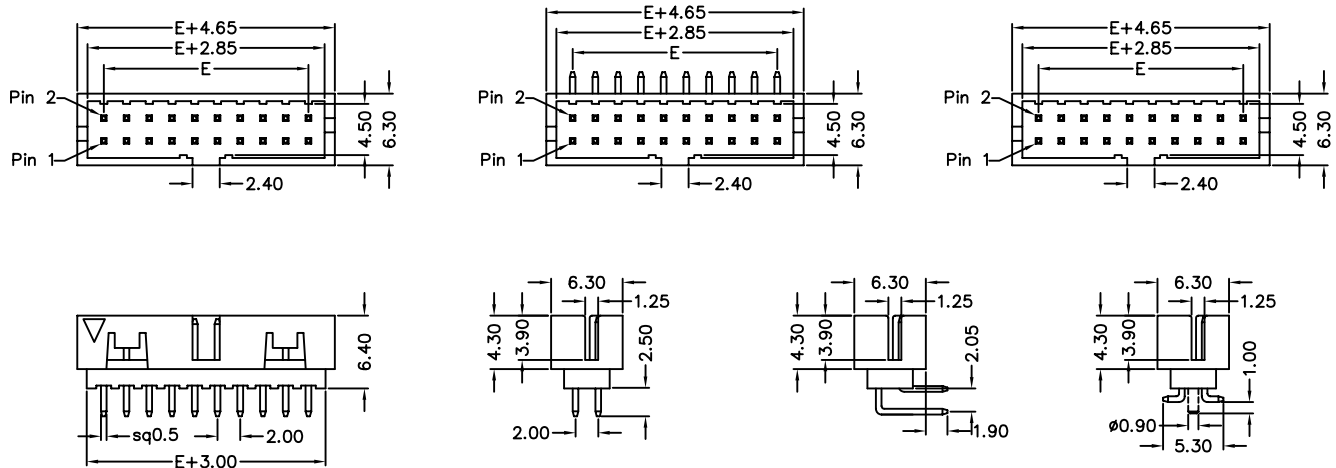
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

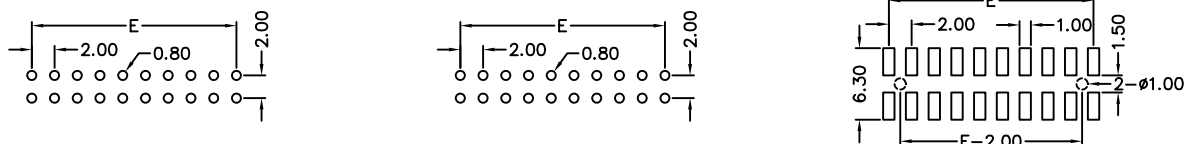
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

52x-x 0 - xx G B xx
1 2 3 4 5

- S: Straight Type
T: Right Angle Type
M: SMT Type
- 7: Green Product
9: Green Product High Temp
- No. of contacts
- G: Gold Flash
T: Tin Plating

5. Pinrex internal code

Standard Parts
52S-x0-xxGB00
52T-x0-xxGB00
52M-x0-xxGB00

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E									NOTE
		24	22.00									Please be advised that not all positions are available because of small market demand. Any inquiries, please contact our sales rep.!
8	6.00	26	24.00									
10	8.00	40	38.00									
12	10.00	44	42.00									
14	12.00											
16	14.00											
20	18.00											



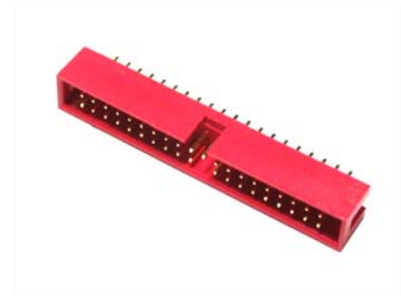
2.54mm Box Header Straight (Elevated) Type

MATERIAL

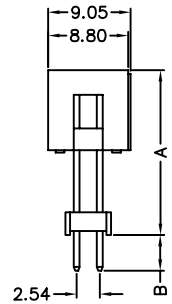
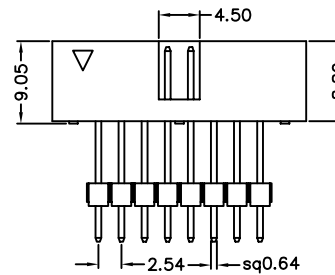
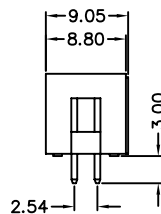
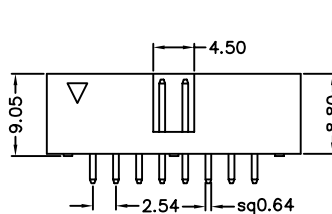
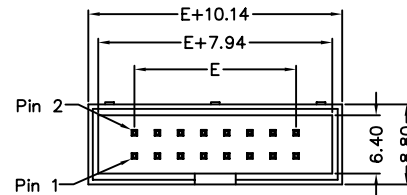
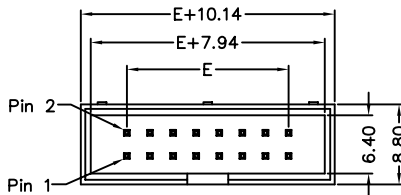
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

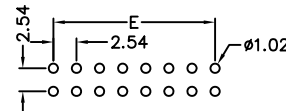
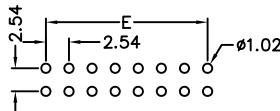
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

51x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
510-x0-xxGB00

1. 0: Straight Type
- 6: Straight Elevated Type
2. 7: Green Product
- 9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
- S: Selective Gold Plating
- T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B and
contact our sales representatives.

DIM A	DIM B

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E										
		18	20.32	44	53.34										
6	5.08	20	22.86	50	60.96										
8	7.62	24	27.94	60	73.66										
10	10.16	26	30.48	64	78.74										
12	12.70	30	35.56												
14	15.24	34	40.64												
16	17.78	40	48.26												



2.54mm Box Header Right Angle (Elevated) Type

MATERIAL

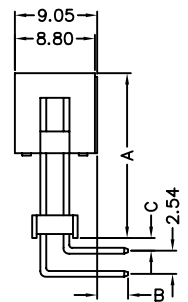
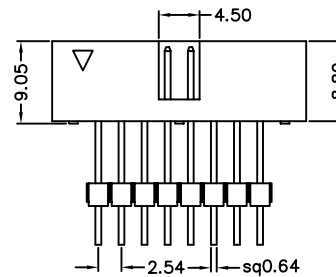
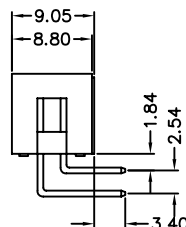
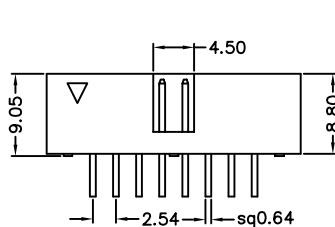
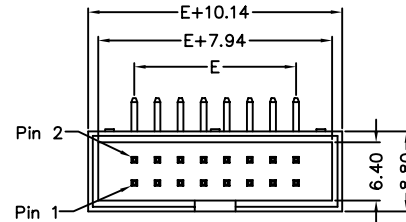
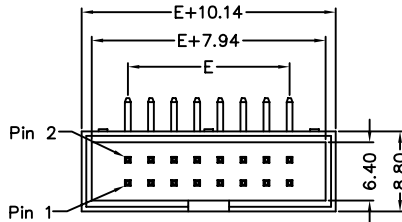
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

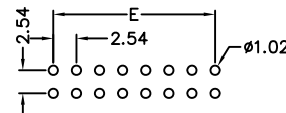
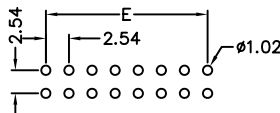
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

51x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
511-x0-xxGB00

- 1: Right Angle Type
- 7: Right Angle Elevated Type
- 7: Green Product
- 9: Green Product High Temp
- No. of contacts
- G: Gold Flash
- S: Selective Gold Plating
- T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B/C and
contact our sales representatives.

DIM A	DIM B	DIM C

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E										
6	5.08	18	20.32	44	53.34										
8	7.62	20	22.86	50	60.96										
10	10.16	24	27.94	60	73.66										
12	12.70	26	30.48	64	78.74										
14	15.24	30	35.56												
16	17.78	34	40.64												
		40	48.26												



2.54mm Box Header SMT (Elevated) Type

MATERIAL

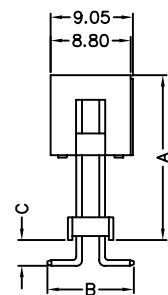
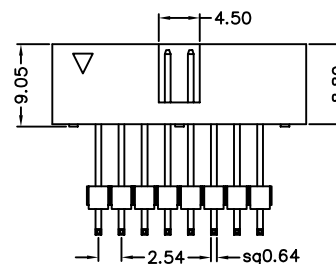
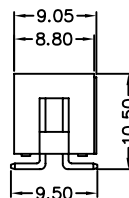
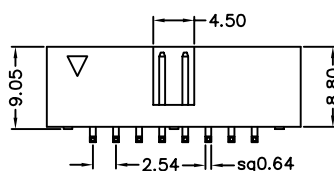
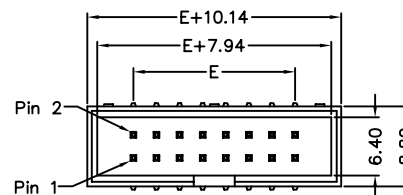
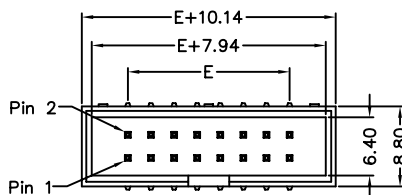
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

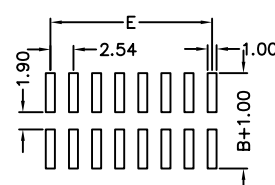
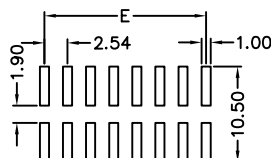
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 20mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

51x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
512-x0-xxGB00

1. 2: SMT Type
- 8: SMT Elevated Type
2. 7: Green Product
- 9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
- S: Selective Gold Plating
- T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B/C and
contact our sales representatives.

DIM A	DIM B	DIM C

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E										
		18	20.32	44	53.34										
6	5.08	20	22.86	50	60.96										
8	7.62	24	27.94	60	73.66										
10	10.16	26	30.48	64	78.74										
12	12.70	30	35.56												
14	15.24	34	40.64												
16	17.78	40	48.26												



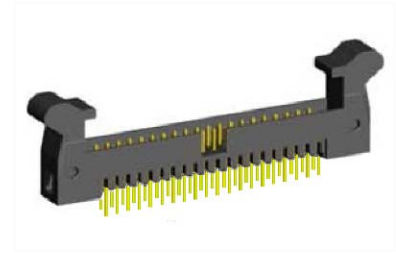
2.0mm Ejector Header Straight Type

MATERIAL

Insulator : Polyester
Contact Pin : Brass

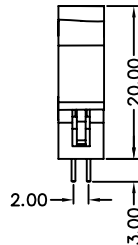
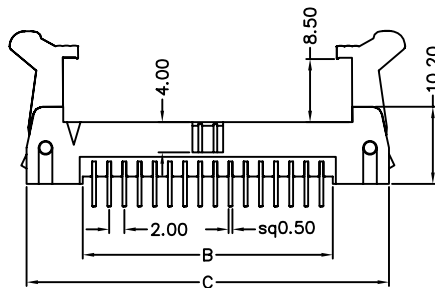
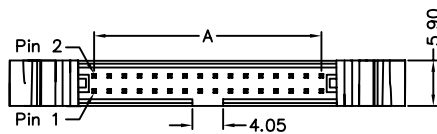
SPECIFICATION

Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C

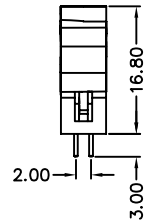
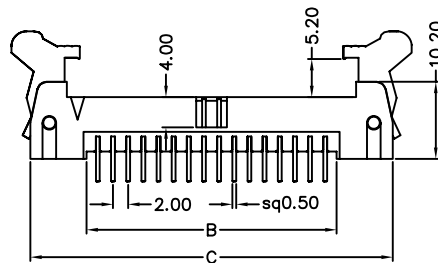
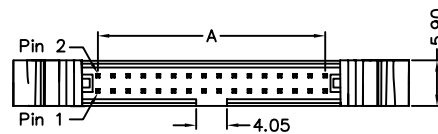


Detail Dimensions

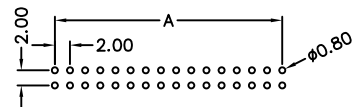
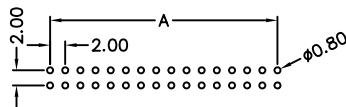
52F-90-xxGB14



52F-90-xxGB24



Recommended P.C.B Layout



Order Information

52F-x 0 - xx G B xx
1 2 3 4

Standard Parts	Type
52F-90-xxGB14	Long Ejector
52F-90-xxGB24	Short Ejector

- 7: Green Product
9: Green Product High Temp
- No. of contacts
- G: Gold Flash
T: Tin Plating
- Pinrex internal code

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	Poles	DIM A	DIM B	DIM C	Poles	DIM A	DIM B	DIM C				
10	8.00	10.00	25.90	26	24.00	26.00	41.90	60	58.00	60.00	75.90				
12	10.00	12.00	27.90	30	28.00	30.00	45.90								
14	12.00	14.00	29.90	32	30.00	32.00	47.90								
16	14.00	16.00	31.90	34	32.00	34.00	49.90								
20	18.00	20.00	35.90	40	38.00	40.00	55.90								
22	20.00	22.00	37.90	44	42.00	44.00	59.90								
24	22.00	24.00	39.90	50	48.00	50.00	65.90								



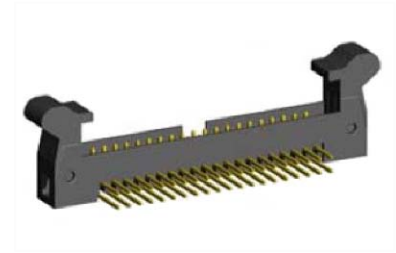
2.0mm Ejector Header Right Angle Type

MATERIAL

Insulator : Polyester
Contact Pin : Brass

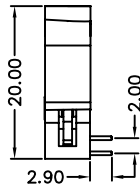
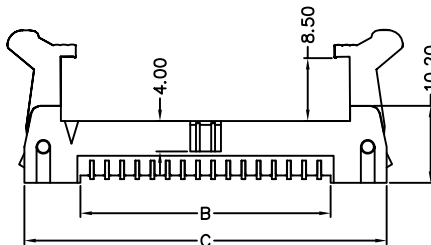
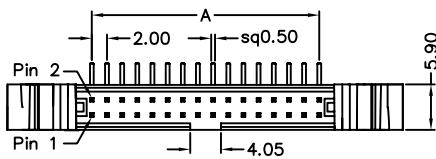
SPECIFICATION

Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C

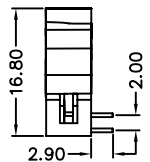
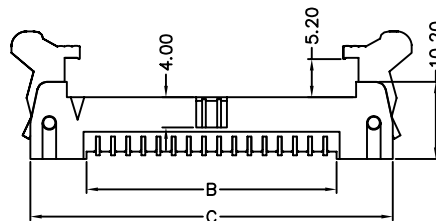
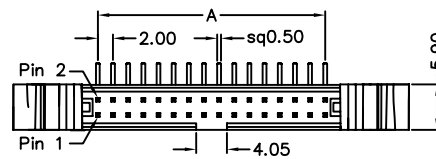


Detail Dimensions

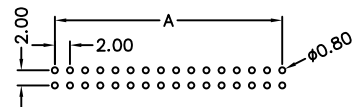
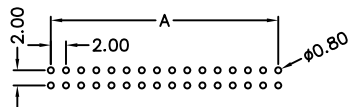
52G-90-xxGB14



52G-90-xxGB24



Recommended P.C.B Layout



Order Information

52G-x 0 - xx G B xx
1 2 3 4

1. 7: Green Product
9: Green Product High Temp
2. No. of contacts
3. G: Gold Flash
T: Tin Plating
4. Pinrex internal code

Standard Parts	Type
52G-90-xxGB14	Long Ejector
52G-90-xxGB24	Short Ejector

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	Poles	DIM A	DIM B	DIM C	Poles	DIM A	DIM B	DIM C				
10	8.00	10.00	25.90	26	24.00	26.00	41.90	60	58.00	60.00	75.90				
12	10.00	12.00	27.90	30	28.00	30.00	45.90								
14	12.00	14.00	29.90	32	30.00	32.00	47.90								
16	14.00	16.00	31.90	34	32.00	34.00	49.90								
20	18.00	20.00	35.90	40	38.00	40.00	55.90								
22	20.00	22.00	37.90	44	42.00	44.00	59.90								
24	22.00	24.00	39.90	50	48.00	50.00	65.90								



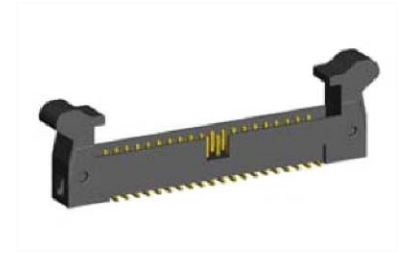
2.0mm Ejector Header SMT Type

MATERIAL

Insulator : Polyester
Contact Pin : Brass

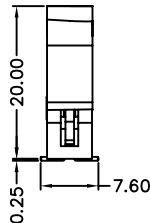
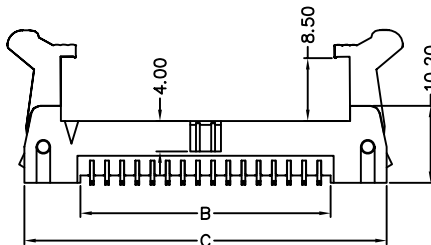
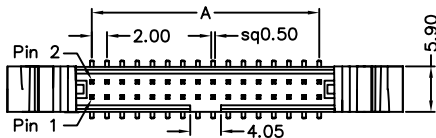
SPECIFICATION

Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C

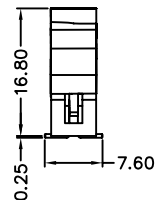
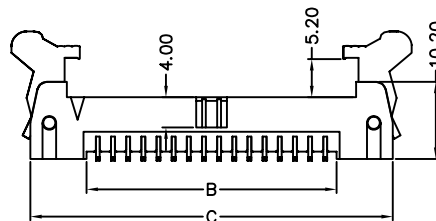
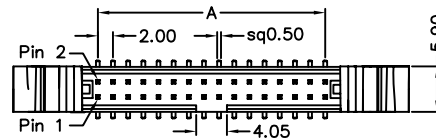


Detail Dimensions

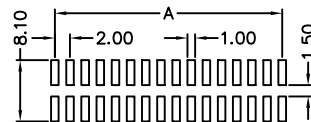
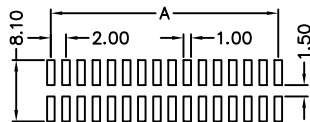
52H-90-xxGB14



52H-90-xxGB24



Recommended P.C.B Layout



Order Information

52H-x 0 - xx G B xx
1 2 3 4

Standard Parts	Type
52H-90-xxGB14	Long Ejector
52H-90-xxGB24	Short Ejector

- 7: Green Product
9: Green Product High Temp
- No. of contacts
- G: Gold Flash
T: Tin Plating
- Pinrex internal code

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	Poles	DIM A	DIM B	DIM C	Poles	DIM A	DIM B	DIM C				
10	8.00	10.00	25.90	26	24.00	26.00	41.90	60	58.00	60.00	75.90				
12	10.00	12.00	27.90	30	28.00	30.00	45.90								
14	12.00	14.00	29.90	32	30.00	32.00	47.90								
16	14.00	16.00	31.90	34	32.00	34.00	49.90								
20	18.00	20.00	35.90	40	38.00	40.00	55.90								
22	20.00	22.00	37.90	44	42.00	44.00	59.90								
24	22.00	24.00	39.90	50	48.00	50.00	65.90								



2.54mm Ejector Header Straight Type

MATERIAL

Insulator : Polyester
Contact Pin : Brass

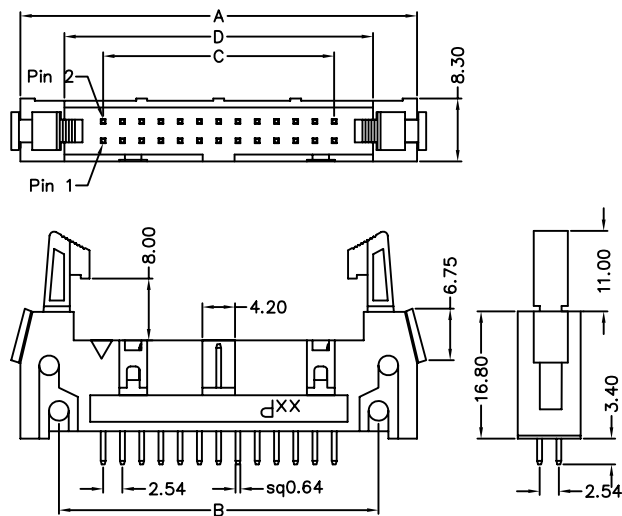
SPECIFICATION

Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C

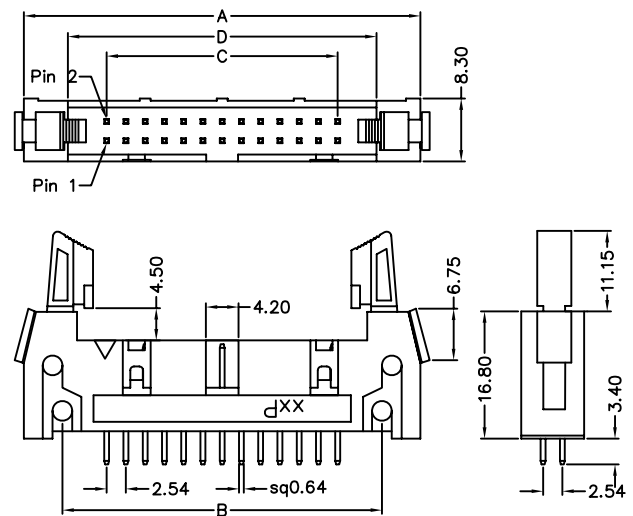


Detail Dimensions

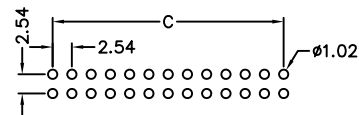
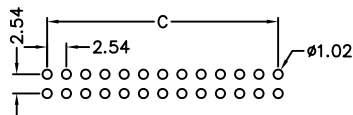
51F-70-xxGB51



51F-70-xxGB52



Recommended P.C.B Layout



Order Information

51F-x 0 - xx G B xx
1 2 3 4

Standard Parts	Type
51F-70-xxGB51	Long Ejector
51F-70-xxGB52	Short Ejector

1. 7: Green Product
9: Green Product High Temp
2. No. of contacts
3. G: Gold Flash
T: Tin Plating
4. Pinrex internal code

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	DIM D	Poles	DIM A	DIM B	DIM C	DIM D						
10	31.87	21.70	10.16	17.90	34	62.38	52.15	40.64	48.40						
14	36.95	26.88	15.24	22.95	40	69.95	59.90	48.26	56.05						
16	39.48	29.27	17.78	25.50	50	82.70	72.55	60.96	68.70						
20	44.62	34.50	22.86	30.58	60	95.45	85.25	73.66	81.50						
24	49.67	39.50	27.94	35.70	64	100.60	90.35	78.74	86.40						
26	52.23	42.05	30.48	38.25											
30	57.30	47.20	35.56	43.35											



2.54mm Ejector Header Right Angle Type

MATERIAL

Insulator : Polyester
Contact Pin : Brass

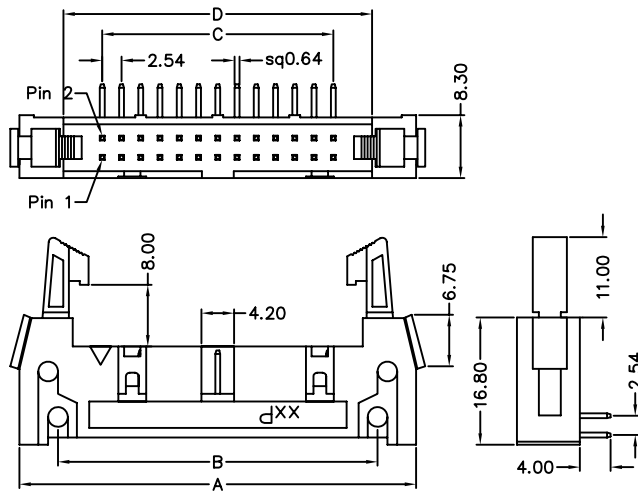
SPECIFICATION

Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C

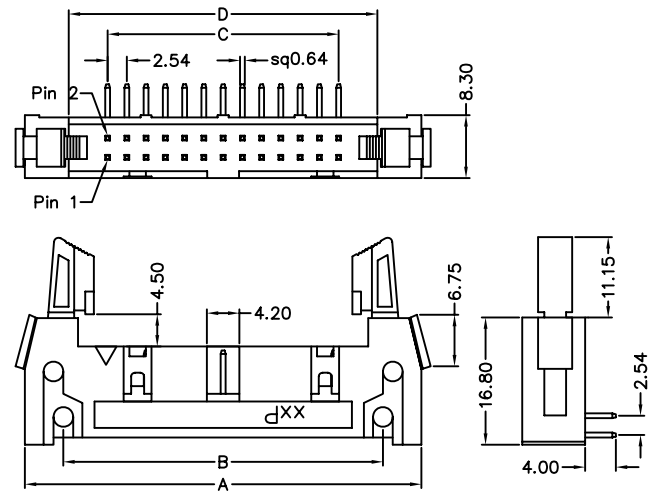


Detail Dimensions

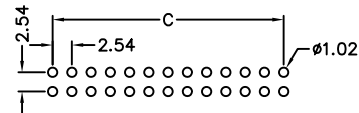
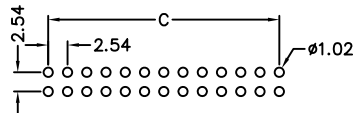
51G-70-xxGB51



51G-70-xxGB52



Recommended P.C.B Layout



Order Information

51G-x 0 - xx G B xx
1 2 3 4

Standard Parts	Type
51G-70-xxGB51	Long Ejector
51G-70-xxGB52	Short Ejector

1. 7: Green Product
9: Green Product High Temp
2. No. of contacts
3. G: Gold Flash
T: Tin Plating
4. Pinrex internal code

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	DIM D	Poles	DIM A	DIM B	DIM C	DIM D						
10	31.87	21.70	10.16	17.90	34	62.38	52.15	40.64	48.40						
14	36.95	26.88	15.24	22.95	40	69.95	59.90	48.26	56.05						
16	39.48	29.27	17.78	25.50	50	82.70	72.55	60.96	68.70						
20	44.62	34.50	22.86	30.58	60	95.45	85.25	73.66	81.50						
24	49.67	39.50	27.94	35.70	64	100.60	90.35	78.74	86.40						
26	52.23	42.05	30.48	38.25											
30	57.30	47.20	35.56	43.35											



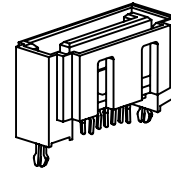
1.27mm Serial ATA Straight Type

■ MATERIAL

Insulator : Polyester
Contact Pin : Brass

■ SPECIFICATION

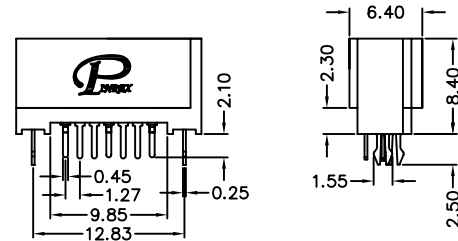
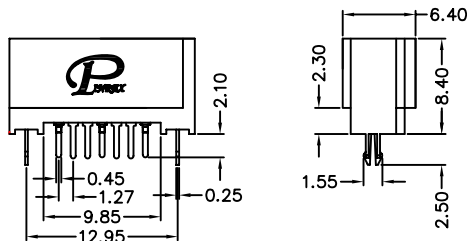
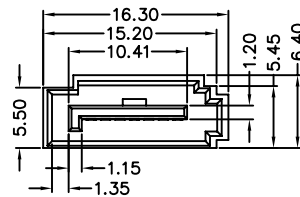
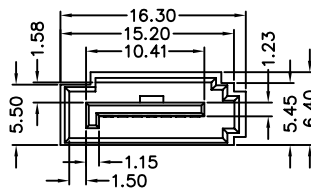
Current Rate : 1.5 AMP
Insulation Resistance : 1000MΩMin.
Contact Resistance : 30mΩMax.
Operation Temperature : -55°C to +125°C



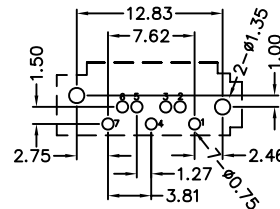
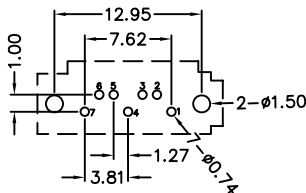
■ Detail Dimensions

770-73-07xx30

770-83-07xx19



■ Recommended P.C.B Layout



■ Order Information

770-x 3 - 07 S B xx
1 2 3 4

1. 7: Green Product (PBT)
8: Green Product (NYLON 66)
2. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating
3. Black Insulator
4. Pinrex internal code

Standard Parts
770-73-07SB30
770-83-07SB19

Unit: mm



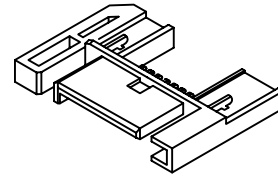
1.27mm Serial ATA Right Angle (Straight) Type

MATERIAL

Insulator : Polyester
Contact Pin : Brass

SPECIFICATION

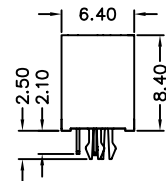
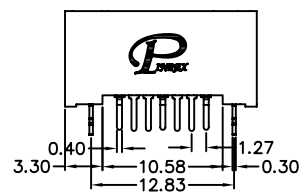
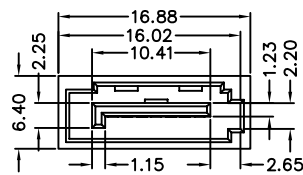
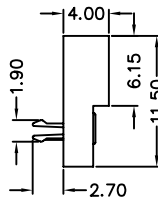
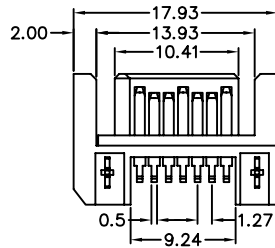
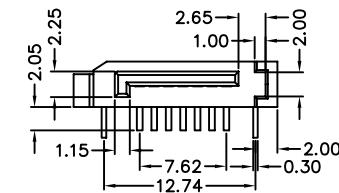
Current Rate : 1.5 AMP
Insulation Resistance : 1000MΩMin.
Contact Resistance : 30mΩMax.
Operation Temperature : -55°C to +125°C



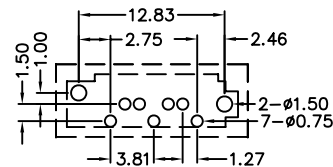
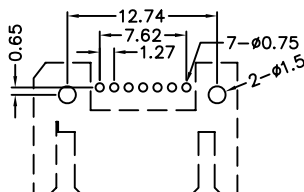
Detail Dimensions

770-75-07xxB1

771-87-07xx00



Recommended P.C.B Layout



Order Information

77x-x 3 - 07 S B xx
1 2 3 4 5

1. 0: Right Angle Type
1: Straight Type
2. 7: Green Product (NYLON 46)
8: Green Product (NYLON 66)
3. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating
4. Black Insulator
5. Pinrex internal code

Standard Parts
770-75-07SBB1
771-87-07SB00

Unit: mm



Insulator : Polyester
Contact Pin : Brass

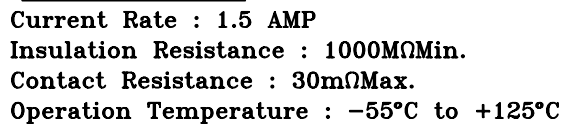


Figure 10 is a technical drawing of a mechanical part, likely a bracket or support. The drawing shows a side view and a top view. The side view dimensions are: total height 2.60, base thickness 0.25, and a side height of 2.30. The top view dimensions are: total width 7.62, central slot width 1.80, and a base width of 3.30. The part has a central slot and two side slots.

771-8 x - 14 S B 11
 1 2 3 4

Standard Parts
771-84-14SB11
771-88-14SB11

1. 4: Normal Type
8: With Window Type
2. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating
3. Black Insulator
4. Pinrex internal code

C-03



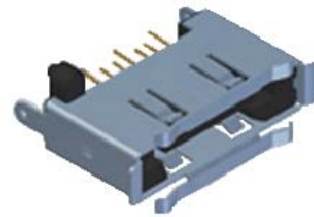
1.27mm External Serial ATA Right Angle (Straight) Type

MATERIAL

Insulator : High Temperature Polyester
Contact Pin : Brass

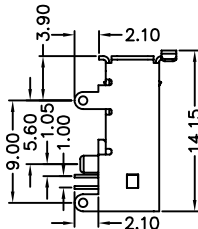
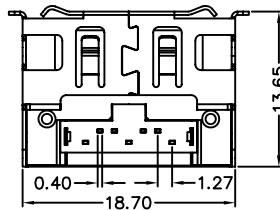
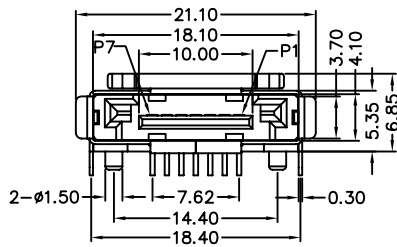
SPECIFICATION

Current Rate : 1.5 AMP
Insulation Resistance : 1000MΩMin.
Contact Resistance : 30mΩMax.
Operation Temperature : -55°C to +125°C

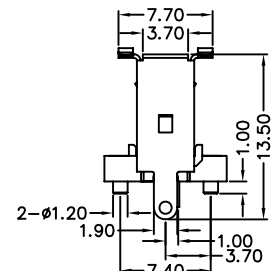
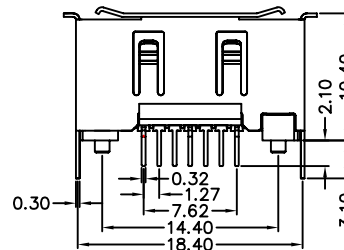
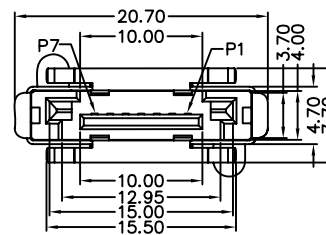


Detail Dimensions

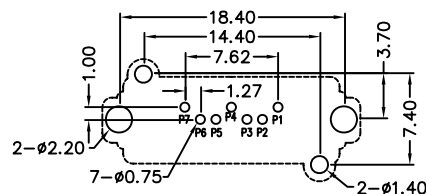
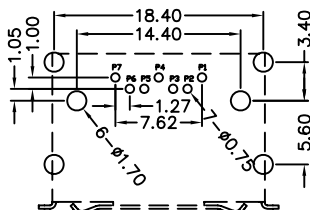
770-9E-07xx05



770-9G-07xx06



Recommended P.C.B Layout



Order Information

770-9 x - 07 G B xx
1 2 3 4

1. E: Right Angle Type
G: Straight Type
2. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating
3. Black Insulator
4. Pinrex internal code

Standard Parts
770-9E-07GB05
770-9G-07GB06

Unit: mm



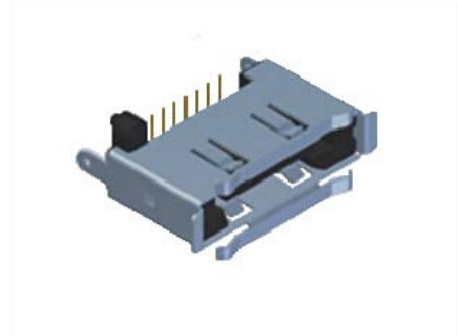
1.27mm External Serial ATA SMT Straight Type

■ MATERIAL

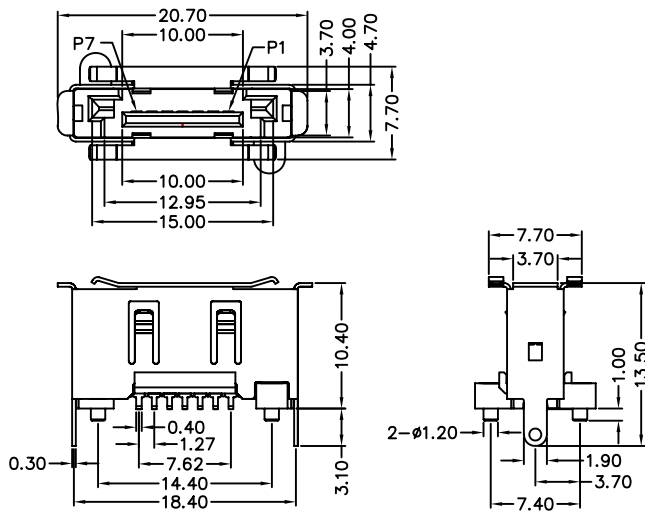
Insulator : High Temperature Polyester
Contact Pin : Brass

■ SPECIFICATION

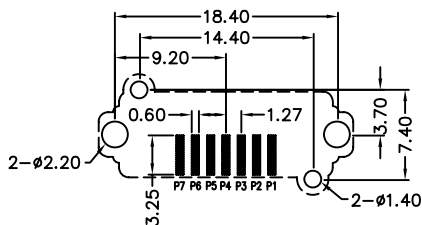
Current Rate : 1.5 AMP
Insulation Resistance : 1000MΩMin.
Contact Resistance : 30mΩMax.
Operation Temperature : -55°C to +125°C



■ Detail Dimensions



■ Recommended P.C.B Layout



■ Order Information

770-9F - 07 G B xx
1 2 3

Standard Parts
770-9F-07GB06

1. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating
2. B: Black Insulator
3. Pinrex internal code

Unit: mm



1.27x1.27mm Box Header Straight (Elevated) Type

MATERIAL

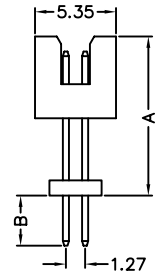
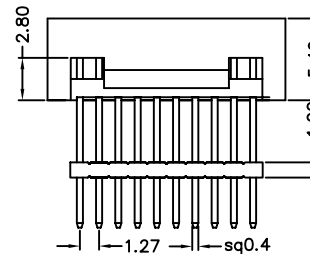
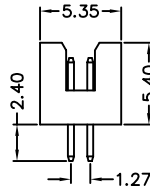
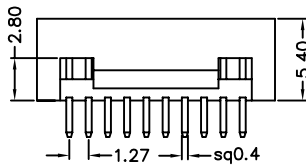
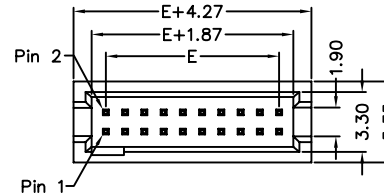
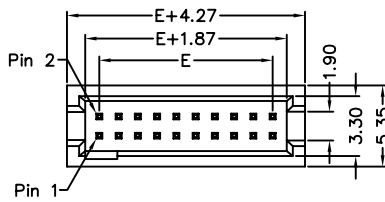
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

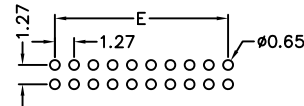
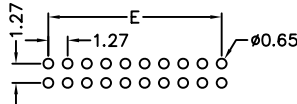
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

53x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
530-x0-xxGB00

1. 0: Straight Type
- 6: Straight Elevated Type
2. 7: Green Product
- 9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
- S: Selective Gold Plating
- T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B and
contact our sales representatives.

DIM A	DIM B

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E	Poles	DIM E		
		22	12.70	36	21.59	50	30.48	64	39.37	78	48.26	92	57.15		
10	5.08	24	13.97	38	22.86	52	31.75	66	40.64	80	49.53	94	58.42		
12	6.35	26	15.24	40	24.13	54	33.02	68	41.91	82	50.80	96	59.69		
14	7.62	28	16.51	42	25.40	56	34.29	70	43.18	84	52.07	98	60.96		
16	8.89	30	17.78	44	26.67	58	35.56	72	44.45	86	53.34	100	62.23		
18	10.16	32	19.05	46	27.94	60	36.83	74	45.72	88	54.61				
20	11.43	34	20.32	48	29.21	62	38.10	76	46.99	90	55.88				



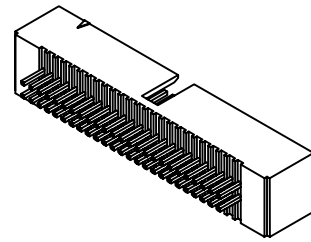
1.27x1.27mm Box Header Straight (Elevated) Type

MATERIAL

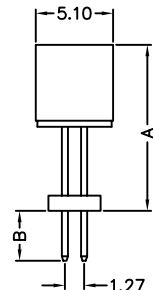
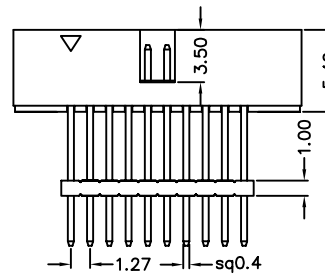
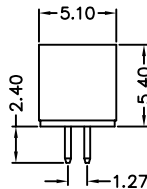
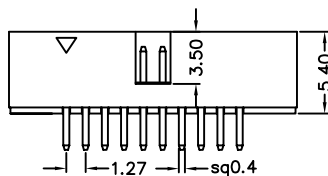
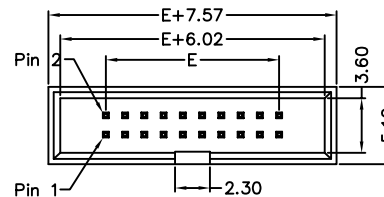
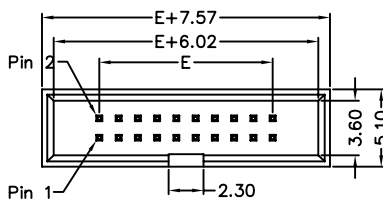
Insulator : High Temperature Polyester
Contact Pin : Brass

SPECIFICATION

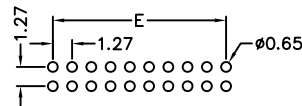
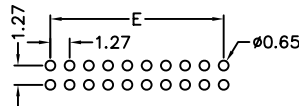
Current Rate : 1 AMP
Insulation Resistance : 5000MΩMin. at DC 500V
Contact Resistance : 10mΩMax. at DC 100mA
Operation Temperature : -40°C to +105°C



Detail Dimensions



Recommended P.C.B Layout



Order Information

53x-x 0 - xx G B xx
1 2 3 4 5

Standard Parts
53A-x0-xxGB00

1. A: Straight Type
P: Straight Elevated Type
2. 7: Green Product
9: Green Product High Temp
3. No. of contacts
4. G: Gold Flash
S: Selective Gold Plating
T: Tin Plating

5. Pinrex internal code

If you need other dimensions
please fill out DIM A/B and
contact our sales representatives.

DIM A	DIM B

Number Of Contacts

Unit: mm

Poles	DIM E	Poles	DIM E	Poles	DIM E										
10	5.08	26	15.24	60	36.83										
12	6.35	28	16.51	64	39.37										
14	7.62	30	17.78	68	41.91										
16	8.89	34	20.32	80	49.53										
20	11.43	40	24.13	100	62.23										
24	13.97	50	30.48												