

## SLOT/EDGE CARD Series

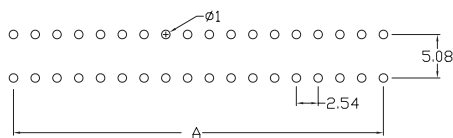
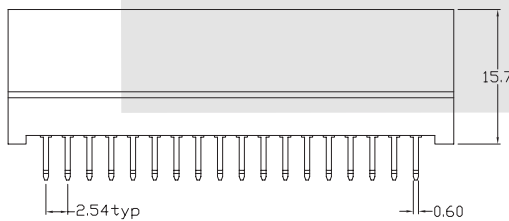
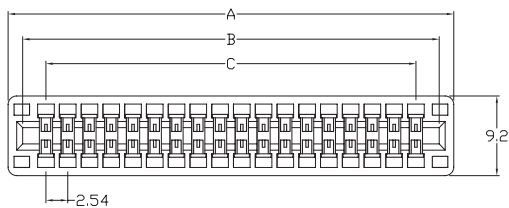
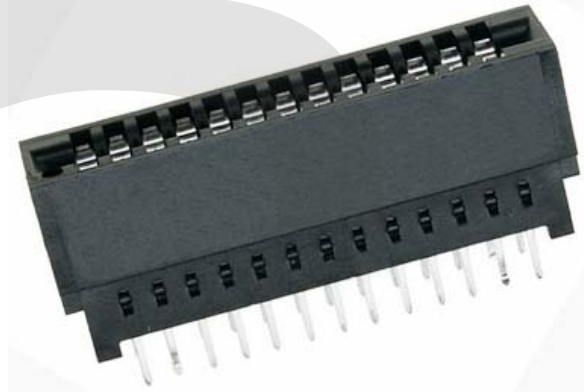
### KLS1-603C EDGE CARD SLOT 2.54mm Connector Straight Pin Type

#### Electrical Characteristics:

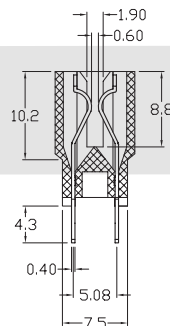
Current Rating: 2 AMP  
Insulator Resistance: 1000M Ohm min. At DC 500V DC  
Contact Resistance: 30m Ohm max. At DC 100mA  
Withstanding Voltage: 1000V AC / rms 50Hz for 1 minute  
Operating Temperature: -45°C~+105°C

#### Material:

Housing: Glass filled PBT UL94V-0  
Contacts: Brass or Phosphor Bronze  
Plating: Contact Gold and Dip Tin over Nickel



P.C.B Layout



Dimension

Position	A	B	C
06	13.92	10.52	5.08
08	16.46	13.06	7.62
10	19.00	15.60	10.16
12	21.54	18.14	12.70
14	24.08	20.68	15.24
20	31.70	28.30	22.86
22	34.24	30.84	25.40
24	36.78	33.38	27.94
26	39.32	35.92	30.48
30	44.40	41.00	35.56
36	52.02	48.62	43.18
40	57.10	53.70	48.26
44	62.18	58.78	53.34
50	69.80	66.40	60.96
60	82.50	79.10	73.66
62	85.04	81.64	76.20
72	97.74	94.34	88.90
86	115.52	112.12	106.68
100	133.30	129.90	124.46

## ORDER INFORMATION

Product No.: KLS1-603 C-XX-S

Pos. No. \_\_\_\_\_  
EDGE CARD Slot 2.54mm Connector

Mounting Style: S=Straight pin R=Right Pin  
Number of Contacts: XX=06-100Pin  
C-Without Ear

## SLOT/EDGE CARD Series

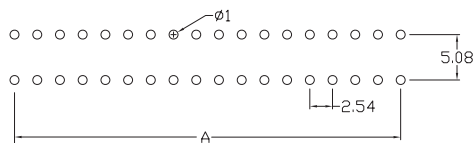
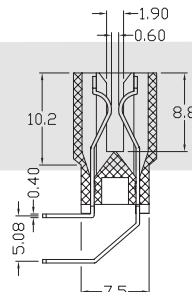
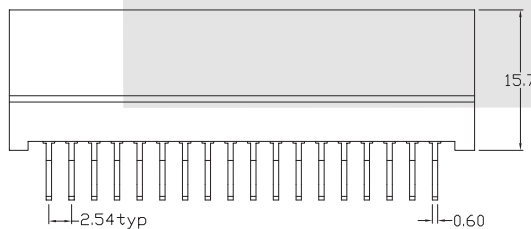
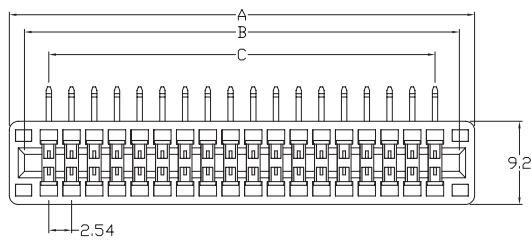
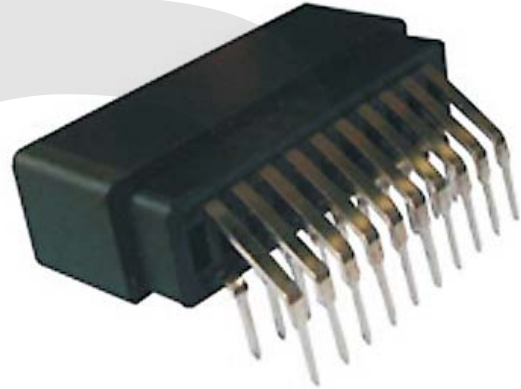
### KLS1-603C EDGE CARD SLOT 2.54mm Connector Right Pin Type

#### Electrical Characteristics:

Current Rating: 2 AMP  
Insulator Resistance: 1000M Ohm min. At DC 500V DC  
Contact Resistance: 30m Ohm max. At DC 100mA  
Withstanding Voltage: 1000V AC / rms 50Hz for 1 minute  
Operating Temperature: -45°C~+105°C

#### Material:

Housing: Glass filled PBT UL94V-0  
Contacts: Brass or Phosphor Bronze  
Plating: Contact Gold and Dip Tin over Nickel



P.C.B Layout

Dimension

Position	A	B	C
06	13.92	10.52	5.08
08	16.46	13.06	7.62
10	19.00	15.60	10.16
12	21.54	18.14	12.70
14	24.08	20.68	15.24
20	31.70	28.30	22.86
22	34.24	30.84	25.40
24	36.78	33.38	27.94
26	39.32	35.92	30.48
30	44.40	41.00	35.56
36	52.02	48.62	43.18
40	57.10	53.70	48.26
44	62.18	58.78	53.34
50	69.80	66.40	60.96
60	82.50	79.10	73.66
62	85.04	81.64	76.20
72	97.74	94.34	88.90
86	115.52	112.12	106.68
100	133.30	129.90	124.46

## ORDER INFORMATION

Product No.: KLS1-603 C-XX-R

Pos. No. \_\_\_\_\_  
EDGE CARD Slot 2.54mm Connector

Mounting Style: S=Straight pin R=Right Pin  
Number of Contacts: XX=06-100Pin  
C-Without Ear

## SLOT/EDGE CARD Series

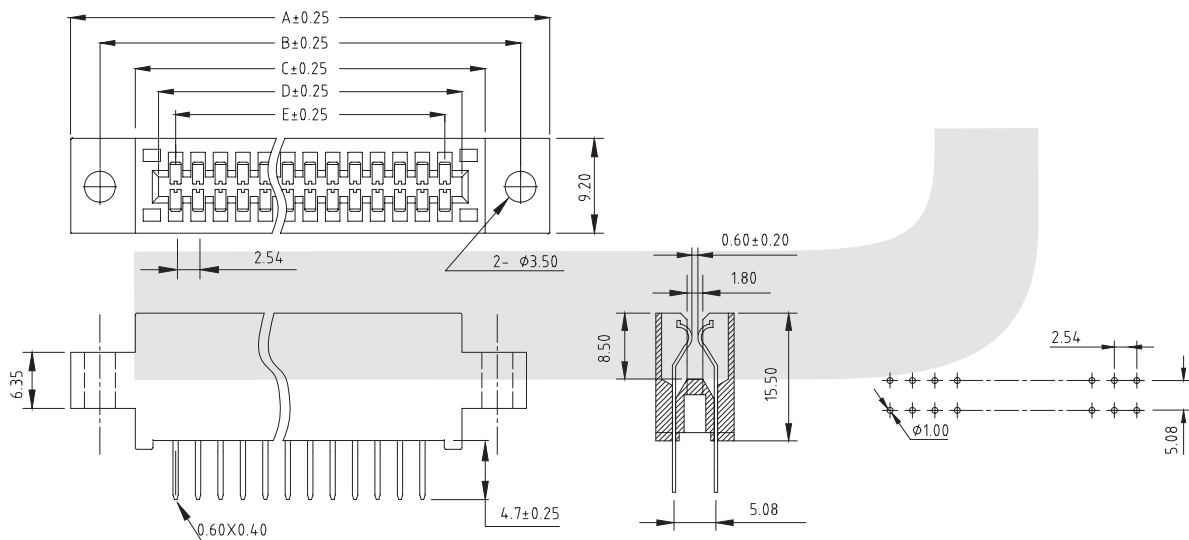
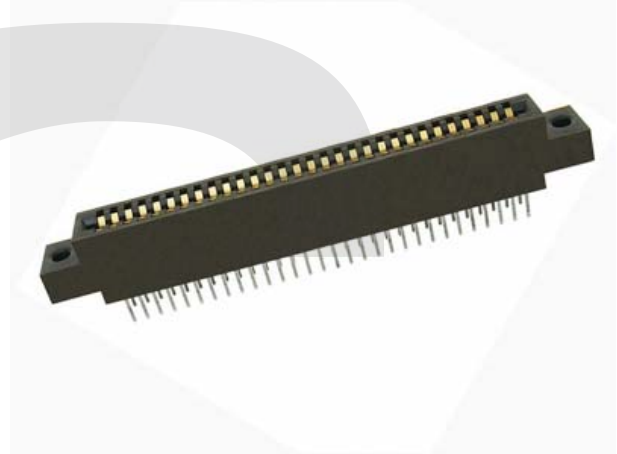
### KLS1-603D EDGE CARD With Ears 2.54mm Connector Straight Pin Type

#### Electrical Characteristics:

Current Rating: 2 AMP  
Insulator Resistance: 1000M Ohm min. At DC 500V DC  
Contact Resistance: 30m Ohm max. At DC 100mA  
Withstanding Voltage: 1000V AC / rms 50Hz for 1 minute  
Operating Temperature: -45°C~+105°C

#### Material:

Housing: Glass filled PBT UL94V-0  
Contacts: Brass or Phosphor Bronze  
Plating: Contact Gold and Dip Tin over Nickel



CONTACTS	DIM A	DIM B	DIM C	DIM D	DIM E
24	51.69	45.09	37.38	33.22	27.94
44	77.09	70.49	62.78	58.62	53.34
48	82.17	75.57	67.86	63.70	58.42
50	84.71	78.11	70.40	66.24	60.96
56	92.33	85.73	78.02	73.86	68.58
60	97.41	90.81	83.10	78.94	73.66
70	110.11	103.51	95.80	91.64	86.36
72	112.65	106.05	98.34	94.18	88.90
86	130.43	123.83	116.12	111.96	106.68
88	133.17	126.57	118.66	114.50	109.22
100	148.21	141.61	133.90	129.74	124.46

## ORDER INFORMATION

Product No.: KLS1-603 D-XX-S

Pos. No. \_\_\_\_\_  
EDGE CARD With ears 2.54mm Connector

Mounting Style: S=Straight pin R=Right Pin  
Number of Contacts: XX=06-100Pin  
D-With Ear

## SLOT/EDGE CARD Series

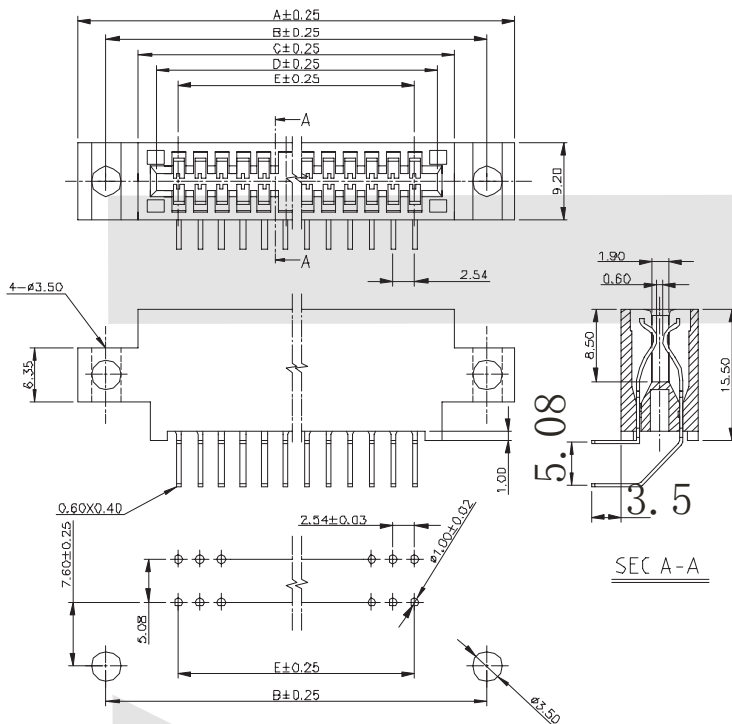
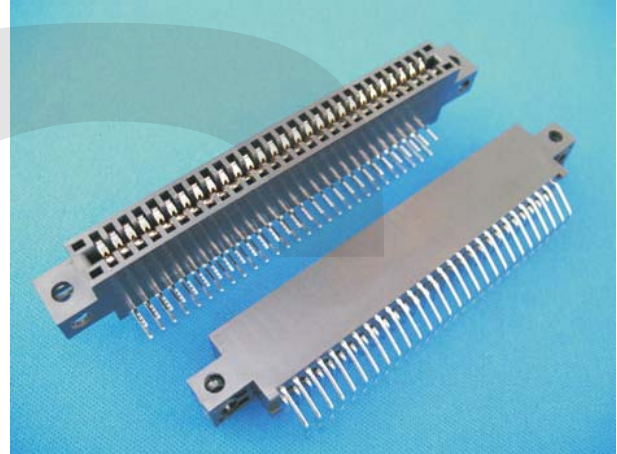
### KLS1-603D EDGE CARD With Ears 2.54mm Connector Right Pin Type

#### Electrical Characteristics:

Current Rating: 2 AMP  
Insulator Resistance: 1000M Ohm min. At DC 500V DC  
Contact Resistance: 30m Ohm max. At DC 100mA  
Withstanding Voltage: 1000V AC / rms 50Hz for 1 minute  
Operating Temperature: -45°C~+105°C

#### Material:

Housing: Glass filled PBT UL94V-0  
Contacts: Brass or Phosphor Bronze  
Plating: Contact Gold and Dip Tin over Nickel



CONTACTS	DIM A	DIM B	DIM C	DIM D	DIM E
24	51.69	45.09	37.38	33.22	27.94
44	77.09	70.49	62.78	58.62	53.34
48	82.17	75.57	67.86	63.70	58.42
50	84.71	78.11	70.40	66.24	60.96
56	92.33	85.73	78.02	73.86	68.58
60	97.41	90.81	83.10	78.94	73.66
70	110.11	103.51	95.80	91.64	86.36
72	112.65	106.05	98.34	94.18	88.90
86	130.43	123.83	116.12	111.96	106.68
88	133.17	126.57	118.66	114.50	109.22
100	148.21	141.61	133.90	129.74	124.46

## ORDER INFORMATION

Product No.: KLS1-603 D-XX-R

Pos. No.

EDGE CARD With ears 2.54mm Connector

Mounting Style: S=Straight pin R=Right Pin

Number of Contacts: XX=06-100Pin

D-With Ear

## SLOT/EDGE CARD Series

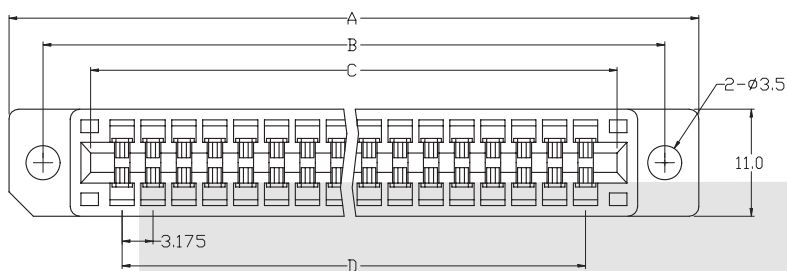
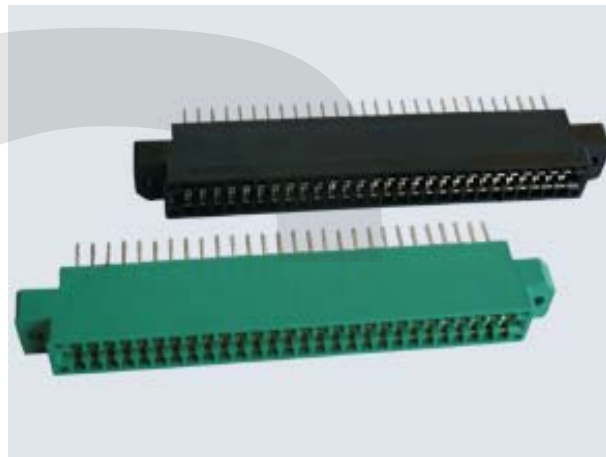
### KLS1-903B EDGE CARD SLOT 3.175mm Connector

#### Electrical Characteristics:

Current Rating: 1 AMP  
Insulator Resistance: 5000M Ohm min. at DC 500V  
Contact Resistance: 20m Ohm max. at DC 100mA  
Operating Temperature: -45°C~+105°C

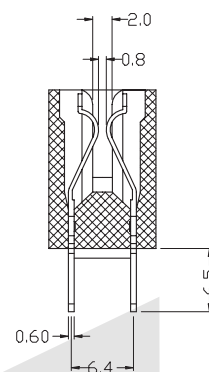
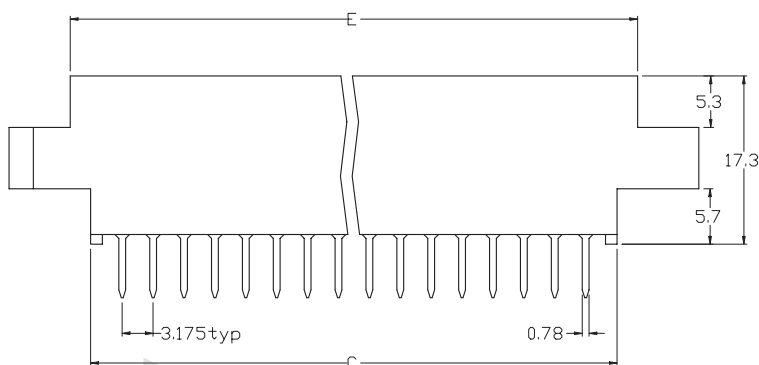
#### Material:

Housing: 30% Glass filled PBT UL94V-0  
Contacts: Brass or Phosphor Bronze  
Plating: full gold or selected gold in mating area.  
100u" min. tin-lead on termination area.  
with entire contact under-plated 50u"min.  
Nickel



Dimension

Position	A	B	C	D	E
40	83.80	76.80	66.80	60.33	71.20
44	90.15	83.15	73.15	66.68	77.55
56	109.20	102.20	92.20	85.73	96.60
60	115.55	108.55	98.55	92.08	102.95
72	134.60	127.60	117.60	111.13	122.00
80	147.30	140.30	130.30	123.83	134.70
86	156.83	149.83	139.83	133.35	144.23
100	179.05	172.05	162.05	155.58	166.45



## ORDER INFORMATION

Product No.: KLS1-903B-XX

Pos. No. \_\_\_\_\_

EDGE CARD SLOT 3.175mm Connector \_\_\_\_\_

Number of Contacts \_\_\_\_\_

## Connector

### SLOT/EDGE CARD Series

#### KLS1-903D EDGE CARD 3.96mm Connector

##### Electrical Characteristics:

Current Rating: 2 AMP

Insulator Resistance: 1000MΩmin. at DC 500V

Contact Resistance: 30mΩmax. at DC 100mA

Withstanding Voltage: 1000V AC /rms 50Hz for 1 minute

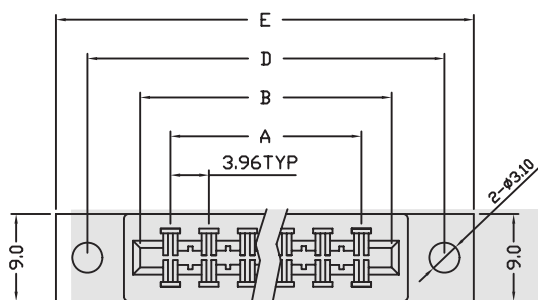
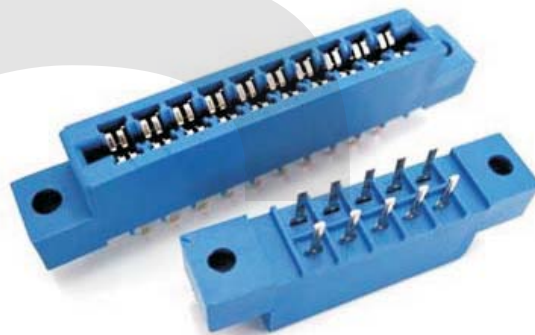
Operating Temperature: -45°C~+105°C

##### Material:

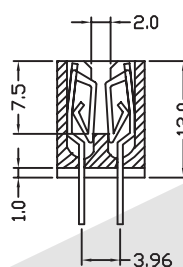
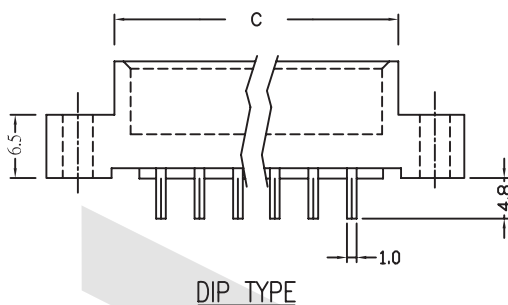
Housing: Glass filled PBT UL94V-0

Contacts: Brass or Phosphor Bronze

Plating: Contact gold and Dip Tin over Nickel



Circuit	Dimension				
	A	B	C	D	E
10	15.84	24.06	27.40	34.94	41.24
12	19.80	28.02	31.36	38.90	45.20
16	27.72	35.94	39.28	46.82	53.12
20	35.64	43.86	47.20	54.74	61.04
24	43.56	51.78	55.12	62.66	68.96
26	47.52	55.74	59.08	66.62	72.92
28	51.48	59.70	63.04	70.58	76.88
30	55.44	63.66	67.00	74.54	80.84
32	59.40	67.62	70.96	78.50	84.80
36	67.32	75.54	78.88	86.42	92.72
40	75.24	83.46	86.80	94.34	100.64
44	83.16	91.38	94.72	102.26	108.56
46	87.12	95.34	98.68	106.22	112.52
50	95.04	103.26	106.60	114.14	120.44
56	106.92	115.14	118.48	126.02	132.32
60	114.84	123.06	126.40	133.94	140.24
62	118.80	127.02	130.36	137.90	144.20
64	122.76	130.98	134.32	141.86	148.16
70	134.64	142.86	146.20	153.74	160.04
72	138.60	146.82	150.16	157.70	164.00
86	166.32	174.54	177.88	185.49	191.48



### ORDER INFORMATION

Product No.: KLS1-903 D-XX-L

Pos. No.

EDGE CARD 3.96mm  
Connector Series

Insulator Color: L=Blue B=Black

Number of Contacts: XX=10~100Pin

D-Dip type

## Connector

### SLOT/EDGE CARD Series

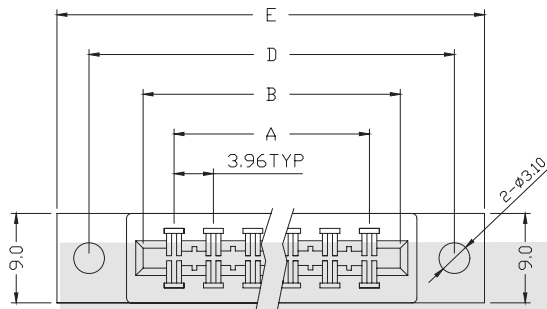
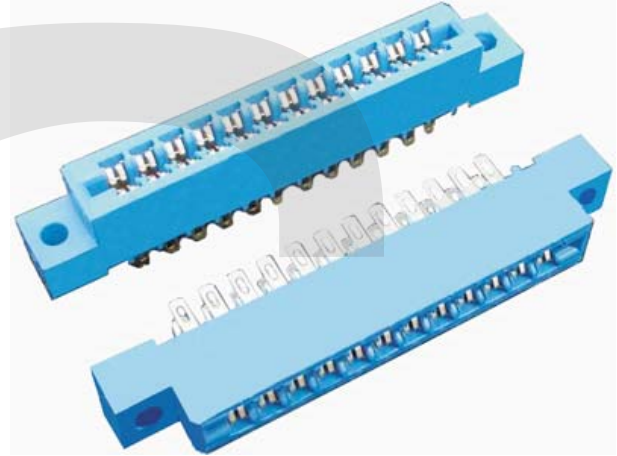
#### KLS1-903S EDGE CARD 3.96mm Connector

##### Electrical Characteristics:

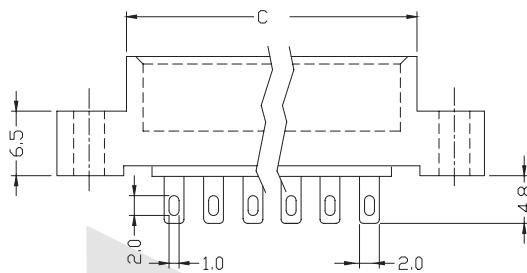
Current Rating: 2 AMP  
Insulator Resistance: 1000MΩmin. at DC 500V  
Contact Resistance: 30mΩmax. at DC 100mA  
Withstanding Voltage: 1000V AC /rms 50Hz for 1 minute  
Operating Temperature: -45°C~+105°C

##### Material:

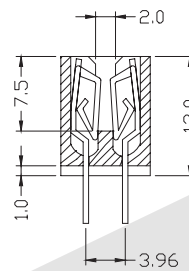
Housing: Glass filled PBT UL94V-0  
Contacts: Brass or Phosphor Bronze  
Plating: Contact gold and Dip Tin over Nickel



Circuit	Dimension				
	A	B	C	D	E
10	15.84	24.06	27.40	34.94	41.24
12	19.80	28.02	31.36	38.90	45.20
16	27.72	35.94	39.28	46.82	53.12
20	35.64	43.86	47.20	54.74	61.04
24	43.56	51.78	55.12	62.66	68.96
26	47.52	55.74	59.08	66.62	72.92
28	51.48	59.70	63.04	70.58	76.88
30	55.44	63.66	67.00	74.54	80.84
32	59.40	67.62	70.96	78.50	84.80
36	67.32	75.54	78.88	86.42	92.72
40	75.24	83.46	86.80	94.34	100.64
44	83.16	91.38	94.72	102.26	108.56
46	87.12	95.34	98.68	106.22	112.52
50	95.04	103.26	106.60	114.14	120.44
56	106.92	115.14	118.48	126.02	132.32
60	114.84	123.06	126.40	133.94	140.24
62	118.80	127.02	130.36	137.90	144.20
64	122.76	130.98	134.32	141.86	148.16
70	134.64	142.86	146.20	153.74	160.04
72	138.60	146.82	150.16	157.70	164.00
86	166.32	174.54	177.88	185.49	191.48



SOLDER TYPE



### ORDER INFORMATION

Product No.: KLS1-903 S-XX-L

Pos. No.

EDGE CARD 3.96mm  
Connector Series

Insulator Color: L=Blue B=Black

Number of Contacts: XX=10~100Pin

S-Solder eyelet type