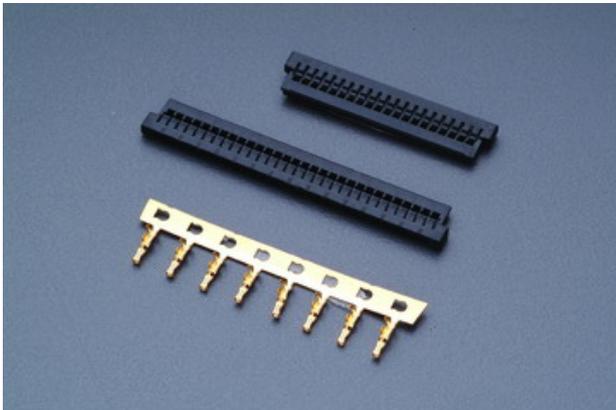# *FI SERIES*

.049" (1.25mm) WIRE TO BOARD CONNECTOR

Specifications

Current rating: 1A AC,DC

Voltage rating: 50V AC,DC

Temperature range: −25°C to+85°C
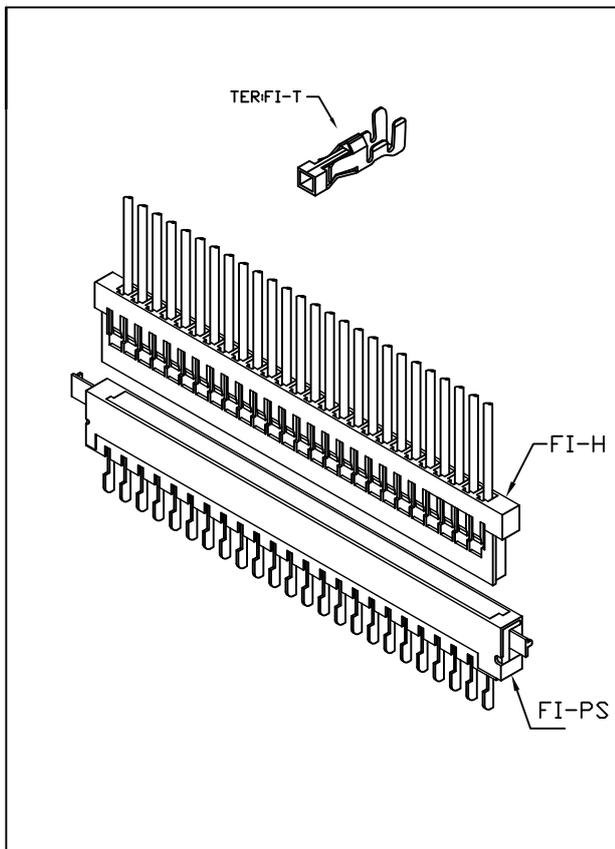
(including temperature rise)

Contact resistance: Initial value/20 mΩ Max.

After environmental testing/20mΩ Max.

Insulation resistance: 100MΩ MIN.

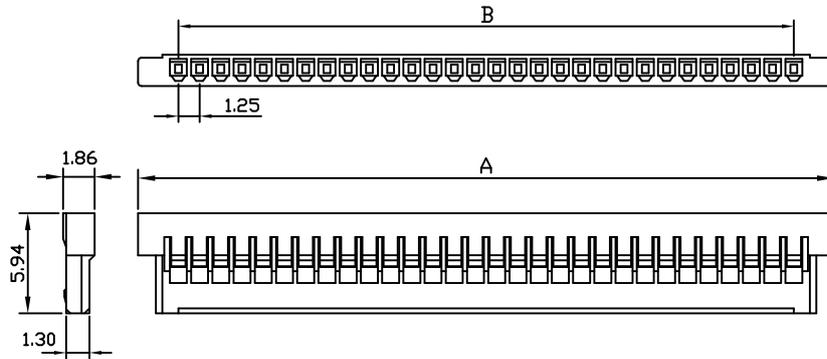Withstanding voltage: 500V AC/minute

Applicable wire: AWG#28−32

AssembLy layout

TER:FI-T

FI-H

FI-PS

$F001H$ .049" (1.25mm) SERIES HOUSING

Features:
* MAT'L: NYLON 66 UL94V-0
* MATES WITH: FI-T SERIES TERMINAL

PART NO.	A	B
F001H 20	28.5	23.75
F001H 30	41.0	36.25

B

1.25

1.86

A

5.94

1.30

$F001$ .049" (1.25mm) SERIES TERMINAL

Features:
* THICKNESS: 0.15mm
* MAT'L: PHOSPHOR BRONZE TIN PLATED
* MATES WITH: FI-H SERIES HOUSING

0.15

B B'

A A'

2.12

0.9

2.30

5.05

0.95

0.82

1.65

1.38

SEC:A-A'

1.25

1.20

SEC:B-B'
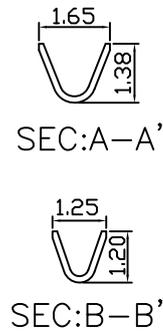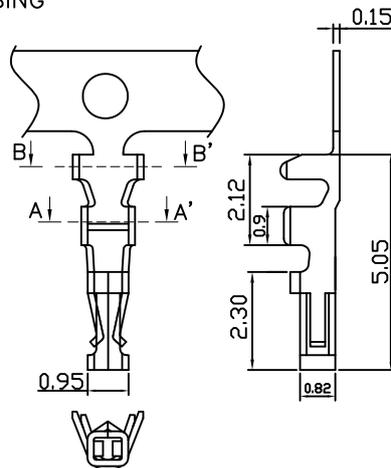
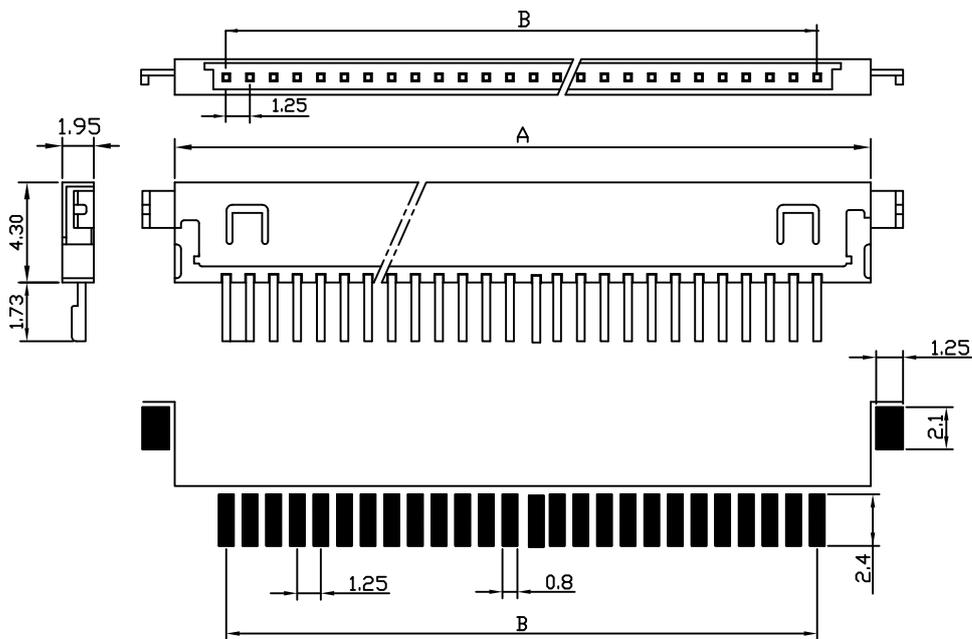| PART NO.	WIRE RANGE	INSULATION O.D.	MATERIAL	FINISH	QTY/REEL
F001T	AWG#28-32	0.9mm MAX	phosphor bronze	Gold plated	15,000

F001PS .049" (1.25mm) SERIES WAFER

Features:

* MAT'L: BODY: LCP UL94V-0
          PIN: PHOSPHOR BRONZE TIN PLATED
* MATES WITH: FI-H SERIES HOUSING

unit:mm

PART NO.	A	B
F001PS 20	28.95	23.75
F001PS 30	41.45	36.25

B

1.25

1.95

4.30

1.73

A

1.25

2.1

1.25   0.8

2.4

B

P.C LAYOUT