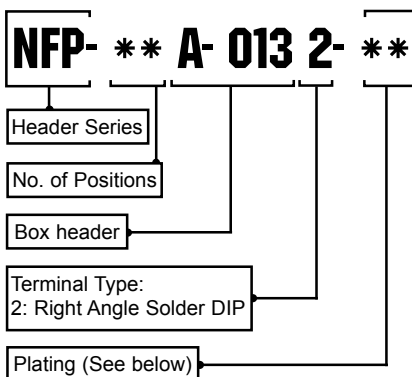
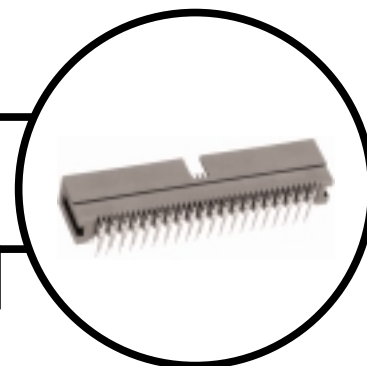


Box Header (Right Angle, Solder Dip)

NFP Series

Ordering Information



Characteristics

Current Rating:	0.5A
Insulation Resistance:	1,000MΩ Minimum at 500 VDC
Withstanding Voltage:	500 VAC for 1 minute
Contact Resistance:	15mΩ Max. at 10mA
Operating Temperature:	-20°C ~ +85°C

Materials and Finish

Insulator:	High Temp Thermoplastic-UL94V-0
Contact:	Copper Alloy
Plating:	Mating Face Contacts: Au over Ni Terminals: Au or SnPb over Ni

Features

1. PCB termination with right angle terminals.
2. Variety of plating options.

Types of Plating

Plating Type	Under Plate	Mating Face	Terminals
AS	Ni 2.5 ~ 4.5 μm	Au 0.76μm Min.	SnPb 2.0 ~ 4.0μm
BS	Ni 2.5 ~ 4.5 μm	Au 0.30μm Min.	SnPb 2.0 ~ 4.0μm
AF	Ni 2.5 ~ 4.5 μm	Au 0.76μm Min.	Au 0.05μm Min.
BF	Ni 2.5 ~ 4.5 μm	Au 0.30μm Min.	Au 0.05μm Min.

Connector Dimensions (Reference Only)

Part Number	No. of Positions	Pitch	A	B	C	D
NFP-16A-0132-**-	16	1.27mm	17.85	8.89	15.39	8.50
NFP-20A-0132-**-	20	1.27mm	20.39	11.43	17.93	8.50
NFP-26A-0132-**-	26	1.27mm	24.20	15.24	21.74	8.50
NFP-34A-0132-**-	34	1.27mm	29.28	20.32	26.82	8.50
NFP-40A-0132-**-	40	1.27mm	33.09	24.13	30.63	8.50
NFP-50A-0132-**-	50	1.27mm	39.44	30.48	36.98	8.50
NFP-60A-0132-**-	60	1.27mm	45.79	36.83	43.33	8.50
NFP-80A-0132-**-	80	1.27mm	58.49	49.53	56.03	8.50

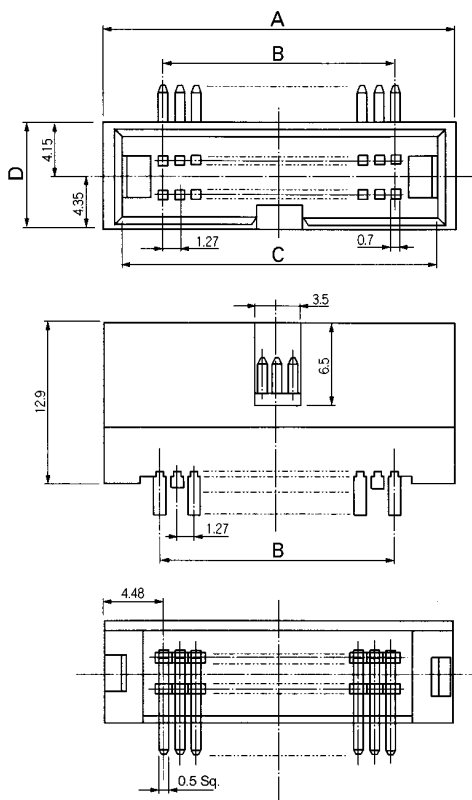
APPLICABLE DIMENSIONS

(Reference Only)

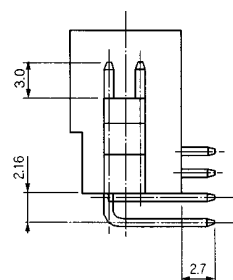
Connector Outline Dimensions

Box Header (Right Angle,
Solder Dip)

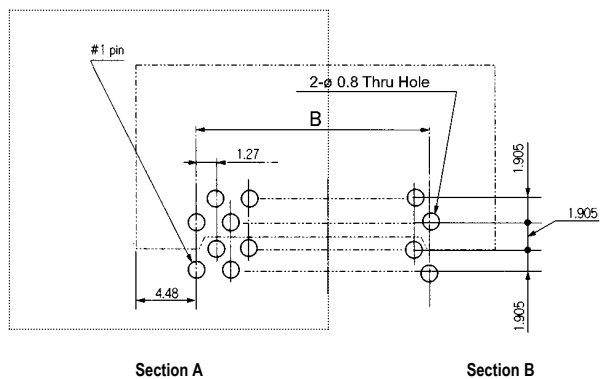
NFP Series



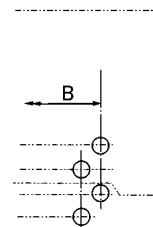
Contact Detail



PCB Layout



26, 34, 50 Contacts



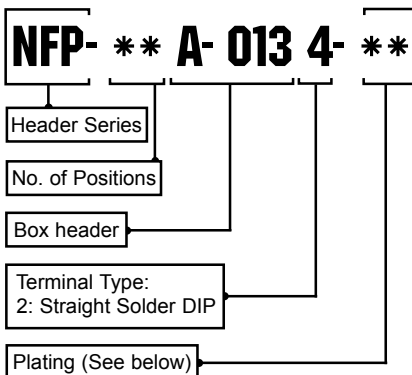
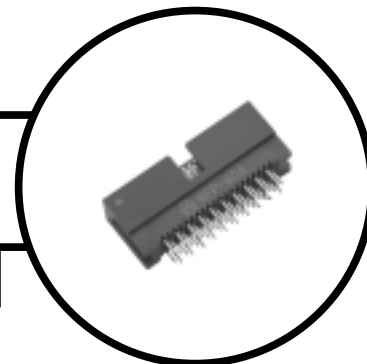
16, 20, 40, 60, 80 Contacts

Note: Left half of this PCB layout is identical to Section A.

Box Header (Straight, Solder Dip)

NFP Series

Ordering Information



Characteristics

Current Rating:	0.5A
Insulation Resistance:	1,000MΩ Minimum at 500 VDC
Withstanding Voltage:	500 VAC for 1 minute
Contact Resistance:	15mΩ Max. at 10mA
Operating Temperature:	-20°C ~ +85°C

Materials and Finish

Insulator:	High Temp Thermoplastic-UL94V-0
Contact:	Copper Alloy
Plating:	Mating Face Contacts: Au over Ni Terminals: Au or SnPb over Ni

Features

1. PCB termination with straight terminals.
2. Variety of plating options.

Types of Plating

Plating Type	Under Plate	Mating Face	Terminals
AS	Ni 2.5 ~ 4.5 μm	Au 0.76μm Min.	SnPb 2.0 ~ 4.0μm
BS	Ni 2.5 ~ 4.5 μm	Au 0.30μm Min.	SnPb 2.0 ~ 4.0μm

Connector Dimensions (Reference)

Part Number	No. of Positions	Pitch	A	B	C	D
NFP-16A-0134-**-	16	1.27mm	17.85	8.89	15.39	8.50
NFP-20A-0134-**-	20	1.27mm	20.39	11.43	17.93	8.50
NFP-26A-0134-**-	26	1.27mm	24.20	15.24	21.74	8.50
NFP-34A-0134-**-	34	1.27mm	29.28	20.32	26.82	8.50
NFP-40A-0134-**-	40	1.27mm	33.09	24.13	30.63	8.50
NFP-50A-0134-**-	50	1.27mm	39.44	30.48	36.98	8.50
NFP-60A-0134-**-	60	1.27mm	45.79	36.83	43.33	8.50
NFP-80A-0134-**-	80	1.27mm	58.49	49.53	56.03	8.50

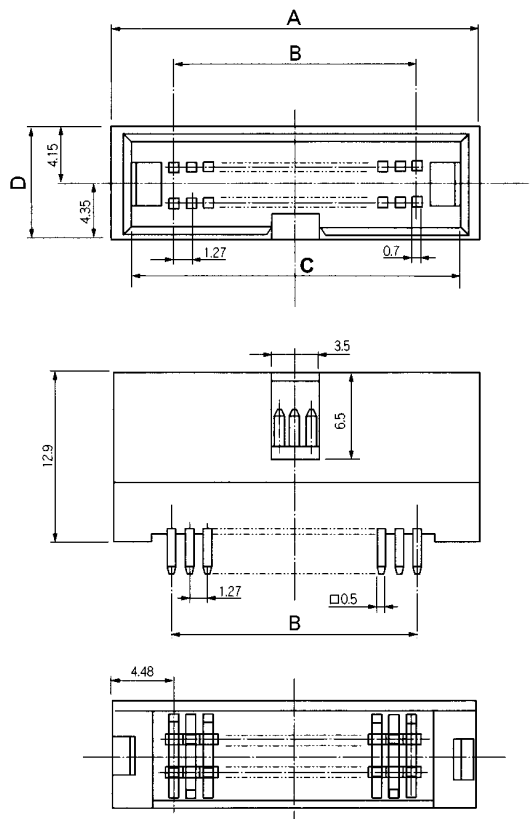
APPLICABLE DIMENSIONS

(Reference Only)

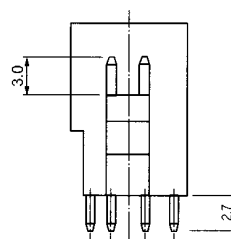
Connector Outline Dimensions

Box Header (Straight, Solder Dip)

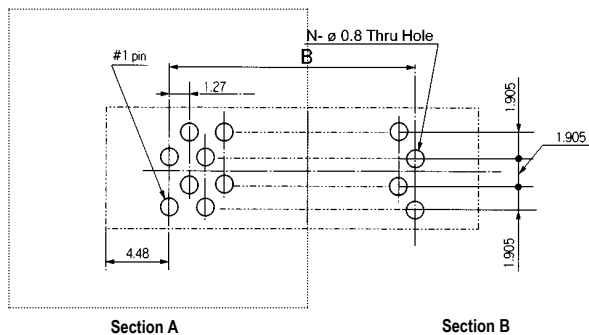
NFP Series



Contact Detail



PCB Layout



26, 34, 50 Contacts

16, 20, 40, 60, 80 Contacts

Note: Left half of this PCB layout is identical to Section A.