

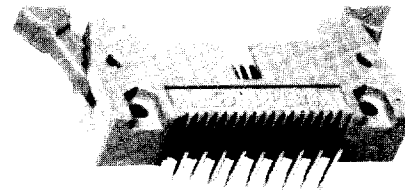
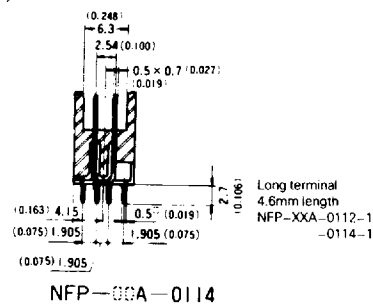
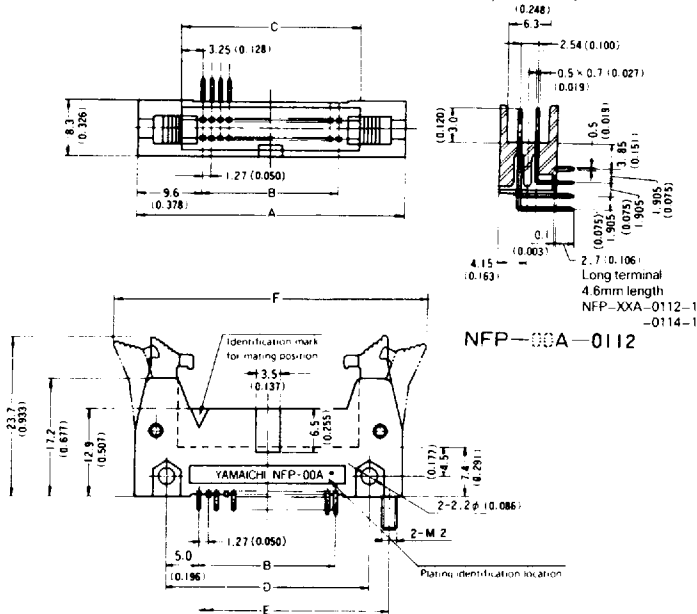
## HALF PITCH CONNECTORS

## YAMAICHI NFP Series

Header "A" Type  
0.635mm Pitch

NFP-\*\*A-0112, 0114

A-61-05-05

NFP-00A-0112, NFP-00A-0114  
(RIGHT ANGLE DIP) (STRAIGHT DIP)

## Part No. Identification

NFP-\*\*-01\*\*

- 2 - Right Angle Solder
- 4 - Straight Solder
- 0 - Without Latch Lever
- 1 - With Short Latch Lever  
(for socket without S. Relief)
- 2 - With Long Latch Lever  
(for socket with S. Relief)

Type A Plug

Contacts

Header

Series Number

P.C. BOARD HOLE SIZE

## Note:

1. Add "A" at the end of Part No. for optional grade A gold plating.
2. Optional right angle or straight longer solder tail for multi layer P.C. Board is available. Contact Yamaichi for details.

TYPE No.	A	B	C	D	E	F
NFP-10A-0112 • 0114	24.28 (0.955)	5.08 (0.200)	11.58 (0.455)	15.08 (0.593)	20.48 (0.806)	38.2 (1.503)
NFP-16A-0112 • 0114	28.09 (1.105)	8.89 (0.350)	15.39 (0.605)	18.89 (0.743)	24.29 (0.956)	42.0 (1.653)
NFP-20A-0112 • 0114	30.63 (1.205)	11.43 (0.450)	17.93 (0.705)	21.43 (0.843)	26.83 (1.056)	44.6 (1.755)
NFP-26A-0112 • 0114	34.44 (1.355)	15.24 (0.600)	21.74 (0.855)	25.24 (0.993)	30.64 (1.206)	48.4 (1.905)
NFP-34A-0112 • 0114	39.52 (1.555)	20.32 (0.800)	26.82 (1.055)	30.32 (1.193)	35.72 (1.406)	53.5 (2.106)
NFP-40A-0112 • 0114	43.33 (1.705)	24.13 (0.950)	30.63 (1.205)	34.13 (1.343)	39.53 (1.556)	57.3 (2.255)
NFP-50A-0112 • 0114	49.68 (1.955)	30.48 (1.200)	36.98 (1.455)	40.48 (1.593)	45.88 (1.806)	63.6 (2.503)
NFP-60A-0112 • 0114	56.03 (2.205)	36.83 (1.450)	43.33 (1.705)	46.83 (1.843)	52.23 (2.056)	70.0 (2.755)
NFP-64A-0112 • 0114	58.57 (2.305)	39.37 (1.550)	45.87 (1.805)	49.37 (1.943)	54.77 (2.156)	72.5 (2.854)
NFP-80A-0112 • 0114	68.73 (2.705)	49.53 (1.950)	56.03 (2.205)	59.53 (2.343)	64.93 (2.556)	82.7 (3.255)
NFP-100A-0112 • 0114	81.43 (3.206)	62.23 (2.450)	68.73 (2.706)	72.23 (2.844)	77.63 (3.056)	95.40 (3.756)

Dimension: mm (inch)

**SPECIFICATIONS****NANOFLEX™**

- |   |                                    |  |
|---|------------------------------------|--|
| 1 | <b>Insulation Resistance</b>       | 1,000 MΩ minimum at 500V D.C.  |
| 2 | <b>Breakdown Voltage</b>           | 500V A.C. for one minute   |
| 2 | <b>Voltage Rating</b>              | 150V   |
| 4 | <b>Current Rating</b>              | 0.5A   |
| 5 | <b>Operating Temperature Range</b> | -20° to 150°C  |
| 6 | <b>Mating Cable</b>                | Solid Conductor Flat Cable AWG<br>(with PVC and FEP Insulator).<br>Stranded Conductor Flat Cable AWG 30<br>(with PVC and FEP Insulator).<br>*FEP (Teflon). |
| 7 | <b>UL File #</b>                   | E101194 (S)  |

**MATERIAL**

- |   |                    |                                      |
|---|--------------------|--------------------------------------|
| 1 | <b>INSULATOR :</b> |                                      |
|   | Body               | Polybutylene Teraphthalata (UL94-VO) |
|   | Strain             | Polymid (UL94-VO)                    |
| 2 | <b>CONTACT:</b>    |                                      |
|   | NFP-**A            | Phosphor Bronze                      |
|   | NFS-**- A - 01**   | Beryllium Copper                     |
|   | NFP-**G            | Beryllium Copper                     |
|   | NBP**-1001         | Phosphor Bronze                      |
|   | NBS**-1001         | Phosphor Bronze                      |
|   | NBP**-1200         | Copper Nickel Lead                   |
|   | NBS-**-1200        | Phosphor Bronze                      |
|   | NFP-**A - 013*     | Phosphor Bronze                      |
|   | NFS-**A - 1314     | Phosphor Bronze                      |
| 3 | <b>METAL SHELL</b> | Steel (Nickel Finish)                |

**Plating Specifications**

TYPE No.	THICKNESS	CONTACT AREA	IDENTIFICATION
NFP-**A-01*2	Grade A	Ni 2.5 - 4.5 micron (98 - 177 μ inch)	A
NFS-**A		Au 0.76 micron (30 μ inch)	
NFP-**A-0132	Grade B	Ni 2.5 - 4.5 micron (98 - 177 μ inch) Au 0.3 - 0.5 micron (12 μ inch)	STANDARD NO MARK
NFP-**-A-01*4	Grade AF	Ni 2.5 - 4.5 micron (98 - 177 μ inch)	A
NFP-**G		Au 0.76 micron (30 μ inch)	
NBP**-1001	Grade BF	Ni 2.5 - 4.5 micron (98 - 177 μ inch)	STANDARD NO MARK
NBS**-1001		Au 0.3 - 0.5 micron (12 μ inch)	
NBP**-1200	Grade AS	Ni 2.5 - 4.5 micron (98 - 177 μ inch)	A
NBS-**-1200		Au 0.76 micron (30 μ inch)	
NFP-**-A-0134	Grade BS	Ni 2.5 - 4.5 micron (98 - 177 μ inch)	STANDARD NO MARK
NFS-**-A-1314		Au 0.3 - 0.5 micron (12 μ inch)	