

# NF Series

## IDC Type Socket (1.27mm Pitch)

### Specifications

Insulation Resistance: 1,000MΩ min. at 500V DC  
 Withstanding Voltage: 500V AC rms for 1 minute  
 Contact Resistance: 15mΩ max. at 10mA  
 Current Rating: 1A  
 Operating Temp. Range: -20°C to +85°C



### Materials and Finish

Housing: PBT (glass filled), UL 94V-0 rated  
 Contacts: Beryllium Copper  
 Plating: Au over Ni



### Features

- ⇨ Contact pitch 1.27mm connectors for high-density mounting
- ⇨ Unique three-fork contact of IDC type allows termination of 0.635mm pitch flat cable

### Jigs and Tools

- ⇨ Hand press: FX-003
- ⇨ Applicable jig: NFA-005
- ⇨ Platen: Standard platen



### Part Number (Details)

**NFS - 10A - 0110 BF**

Series (socket)

No. of Leads

0 = Without Strain Relief  
 (Connector Height = 11.30mm)

### Type of Plating:

	Base	Mating Face	Solder Terminals
BF	Ni 2.5-4.5μm	Au 0.3μm min.	Au 0.05μm min.

### Part Number for Strain Relief:

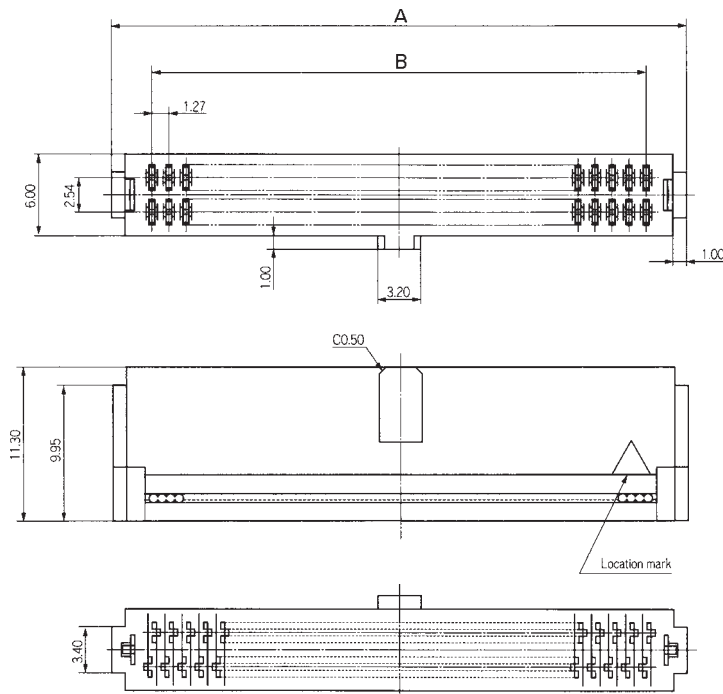
NFS-\*\*A-0001

(Connector Height = 15.10mm)

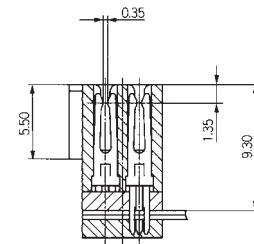
### Applicable Cables

AWG 30 stranded wire, AWG 30 solid wire,  
 0.635mm pitch (e.g. FLEX-\*2, see Section E)

### Outline Dimensions



### Contact Details



### Standard types

Part Number	No. of Leads	A	B	Part Number	No. of Leads	A	B
NFS-10A-0110BF	10	11.08	5.08	NFS-50A-0110BF	50	36.48	30.48
NFS-16A-0110BF	16	14.89	8.89	NFS-60A-0110BF	60	42.83	36.83
NFS-20A-0110BF	20	17.43	11.43	NFS-64A-0110BF	64	45.37	39.37
NFS-26A-0110BF	26	21.24	15.24	NFS-80A-0110BF	80	55.53	49.53
NFS-34A-0110BF	34	26.32	20.32	NFS-100A-0110BF	100	68.23	62.23
NFS-40A-0110BF	40	30.13	24.12				