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

RoHS

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:

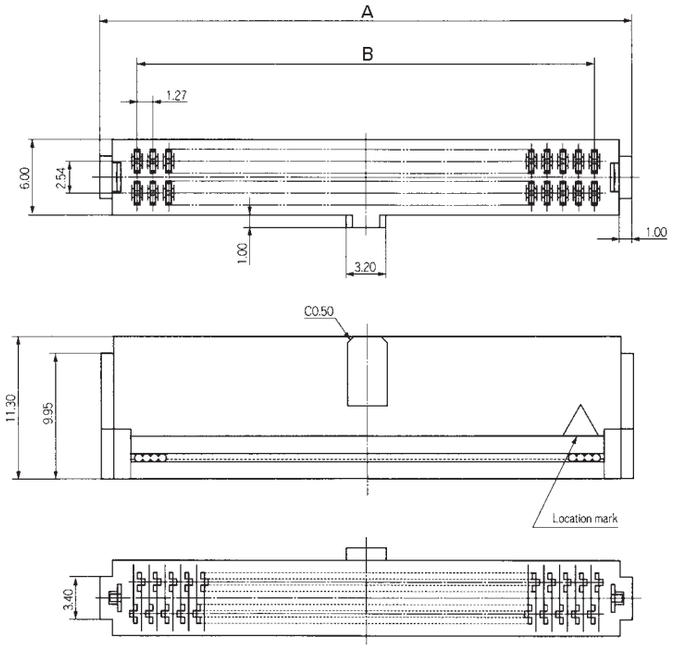
	Base	Mating Face	Solder Terminals
BF	Ni 2.5~4.5µm	Au 0.3µm min.	Au 0.05µm min.

Part Number for Strain Relief:
NFS-**A-0001
(Connector Height = 15.10mm)

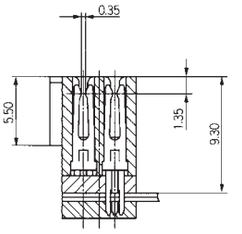
Applicable Cables

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
NFS-10A-0110BF	10	11.08	5.08
NFS-16A-0110BF	16	14.89	8.89
NFS-20A-0110BF	20	17.43	11.43
NFS-26A-0110BF	26	21.24	15.24
NFS-34A-0110BF	34	26.32	20.32
NFS-40A-0110BF	40	30.13	24.12

Part Number	No. of Leads	A	B
NFS-50A-0110BF	50	36.48	30.48
NFS-60A-0110BF	60	42.83	36.83
NFS-64A-0110BF	64	45.37	39.37
NFS-80A-0110BF	80	55.53	49.53
NFS-100A-0110BF	100	68.23	62.23