

Specifications

Insulation Resistance: 1,000MΩ min. at 500 V DC
 Withstanding Voltage: 500 V 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: Gold or Solder over Nickel

Features

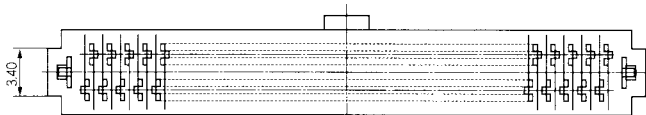
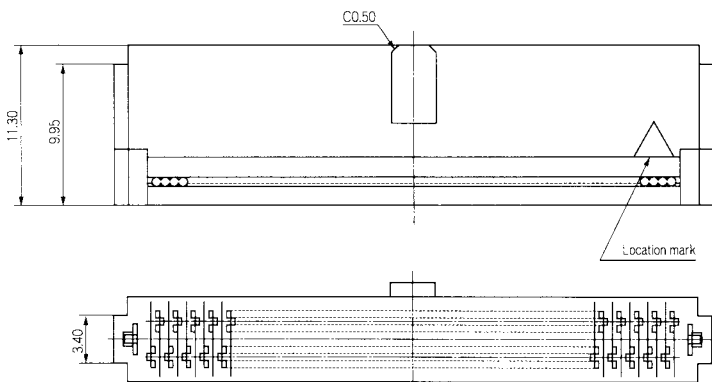
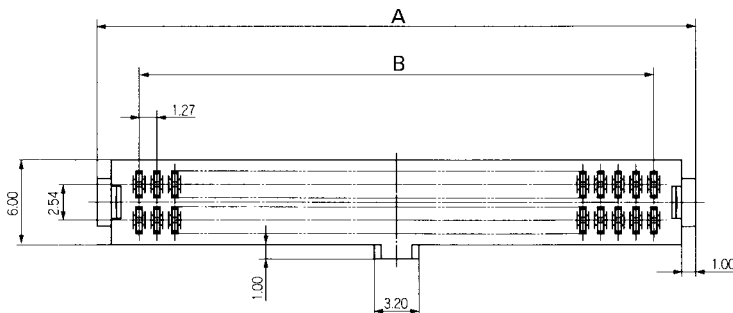
- ◇ Contact pitch 1.27mm connectors for high-density mounting
- ◇ Approx. 40% saved for mounting area to 2.54mm pitch connectors (64 leads)
- ◇ Variations include cable connection and board-to-board connection types
- ◇ Unique three-fork contact of IDC type allows termination of 0.635mm pitch flat cable

Jigs and Tools

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



Applicable Dimensions (Reference Only)



Part Number (Details)

NFS - 10A - 0110 **

Series (socket)

No. of Leads

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

Strain Relief (only)
 Part No. NFS-xxA-0001
 (Connector Height = 15.10mm)

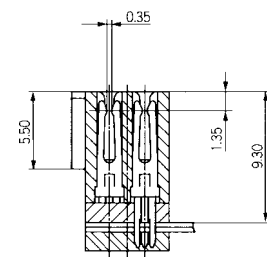
Type of Plating:

	Base	Mating Face	Solder Terminals
AF	Ni 2.5-4.5μm	Au 0.76μm min.	Au 0.05μm min.
BF	Ni 2.5-4.5μm	Au 0.3μm min.	Au 0.05μm min.

Applicable Cables

AWG 30 stranded wire, AWG 30 solid wire,
 0.635mm pitch

Contact Details



Part Number	No. of Leads	A	B	Part Number	No. of Leads	A	B
NFS-10A-0110**	10	11.08	5.08	NFS-50A-0110**	50	36.48	30.48
NFS-16A-0110**	16	14.89	8.89	NFS-60A-0110**	60	42.83	36.83
NFS-20A-0110**	20	17.43	11.43	NFS-64A-0110**	64	45.37	39.37
NFS-26A-0110**	26	21.24	15.24	NFS-68A-0110**	68	47.91	41.91
NFS-34A-0110**	34	26.32	20.32	NFS-80A-0110**	80	55.53	49.53
NFS-40A-0110**	40	30.13	24.12	NFS-100A-0110**	100	68.23	62.23