

SPECIFICATIONS

Insulation Resistance: 1,000MΩ min. at 500V DC
 Withstanding Voltage: 500V ACrms for 1 minute
 Contact Resistance: 15mΩ max. at 10mA
 Current Rating: 1A
 Operating Temp. Range: -20°C to +85°C
 Soldering Temperature: 260°C / 5 sec.

MATERIALS AND FINISH

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

FEATURES

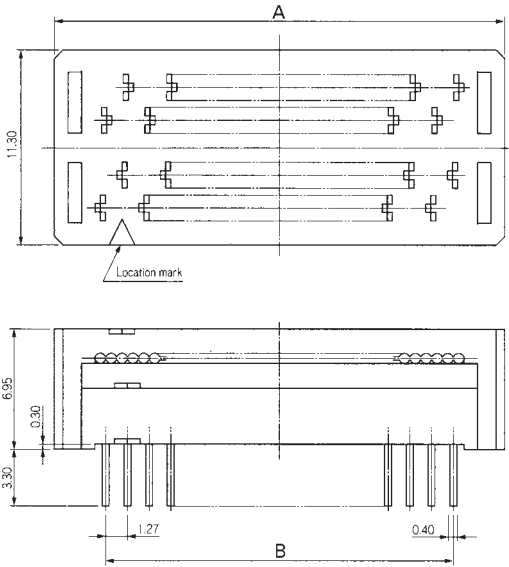
- Contact pitch 1.27mm connectors for high-density mounting
- Variations include cable connection and board-to-board connection types
- Unique three-fork contact of IDC type allows termination of 0.635mm pitch flat cable

JIGS AND TOOLS

- Hand press: FX-003
- Applicable jig: NFG-105
- Platen: Standard platen

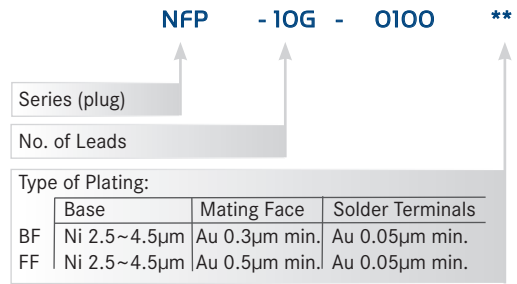


OUTLINE DIMENSIONS



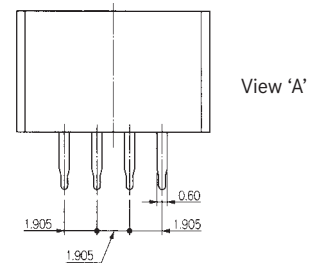
◀ View 'A'

PART NUMBER

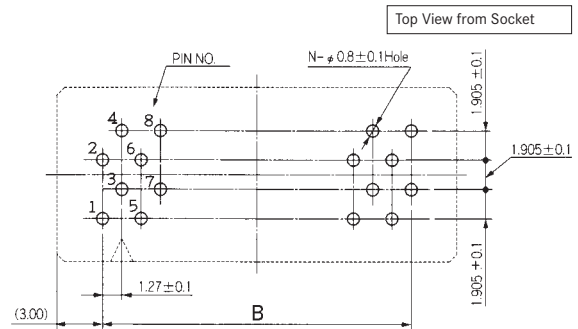


APPLICABLE CABLES

AWG 30 stranded wire, AWG 30 solid wire,
 0.635mm pitch (e.g. FLEX-*S, see Section Cables)



RECOMMENDED PCB LAYOUT



1) For the following versions below please contact Yamaichi, minimum order quantity may be required

Part Number	Pin Count	A	B
NFP-10G-0100BF	10	11.08	5.08
NFP-10G-0100FF 1)	10	11.08	5.08
NFP-16G-0100BF	16	14.89	8.89
NFP-16G-0100FF 1)	16	14.89	8.89
NFP-20G-0100BF	20	17.43	11.43
NFP-20G-0100FF	20	17.43	11.43
NFP-26G-0100BF	26	21.24	15.24
NFP-26G-0100FF	26	21.24	15.24
NFP-34G-0100BF	34	26.32	20.32
NFP-34G-0100FF	34	26.32	20.32
NFP-40G-0100BF	40	30.13	24.12
NFP-40G-0100FF	40	30.13	24.12

Part Number	Pin Count	A	B
NFP-50G-0100BF	50	36.48	30.48
NFP-50G-0100FF	50	36.48	30.48
NFP-60G-0100BF	60	42.83	36.83
NFP-60G-0100FF 1)	60	42.83	36.83
NFP-64G-0100BF	64	45.37	39.37
NFP-64G-0100FF	64	45.37	39.37
NFP-80G-0100BF	80	55.53	49.53
NFP-80G-0100FF	80	55.53	49.53
NFP-100G-0100BF	100	68.23	62.23
NFP-100G-0100FF	100	68.23	62.23