

Series NC (MDR) IDC Type Plugs (1.27mm Pitch)

I/O
Connectors

Specifications

Insulation Resistance: 500M Ω min. at 500V DC
Withstanding Voltage: 500V ACrms for 1 minute
Contact Resistance: 35m Ω max. at 10mA
Current Rating: 0.5A
Operating Temp. Range: -55°C to +85°C

Materials and Finish

Housing: PBT (glass filled), UL94V-0 rated
Contacts: Copper Alloy
Plating: Mating Face - Au over Ni
IDC Terminals - Flash Au over Ni

Features

- 1.27mm pitch interface connectors with bellows type contacts

Part Number (Details)

NCP 050 - 0 * 0 - BF

Series (plug)

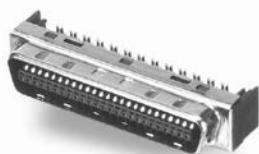
No. of Leads

2 = IDC for Flat Cable
(36 and 50 leads only)
3 = IDC for Discrete Wire

Connection Type: 0 = IDC

Contact Plating:

B = Mating Face Contacts - Au (0.3 μ m min.) over Ni
F = IDC Terminals - Flash Au over Ni

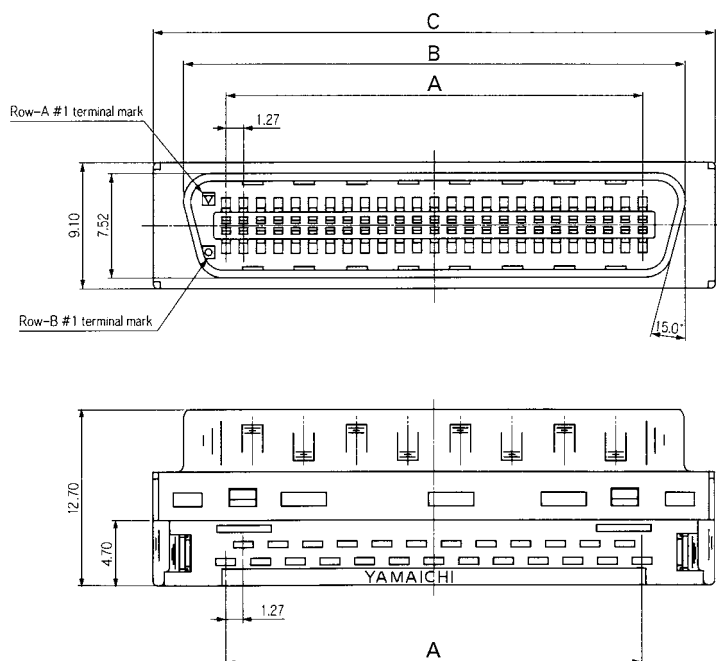


Applicable Cables (for e.g. see Section F)

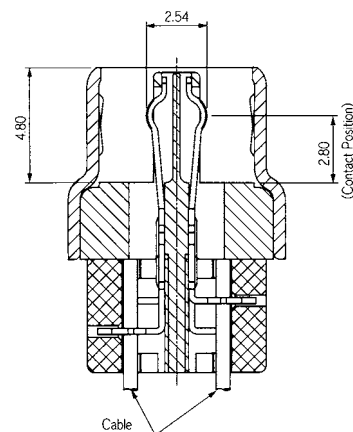
NCP0-020-BF:** 1.27mm pitch flat cable.
Stranded wire AWG 28 (7/0.127),
cable outer diameter 0.8 to 1.1mm
e.g. SFX-S*, DK**

NCP0-030-BF:** Discrete wire.
Stranded wire: AWG 28 (7/0.127),
insulation outer diameter 0.8 to 1.1mm
e.g. 7/0.127* UL20276*

Outline Plug Dimensions



Contact Details



Mini Delta Ribbon

Standard types

Part Number	No. of Leads	A	B	C
NCP036-020-BF	36	21.59	27.80	32.20
NCP036-030-BF	36	21.59	27.80	32.20
NCP050-020-BF	50	30.48	36.60	41.10
NCP050-030-BF	50	30.48	36.60	41.10

Series NHA Metal Cover (180° Cable Exit)

I/O
Connectors

Common Connector Cover



Part Number (Details)

NHA 050 - MC 01

Series No.

No. of Leads

Type MC = Metal Cover

01 = For I/O Cables

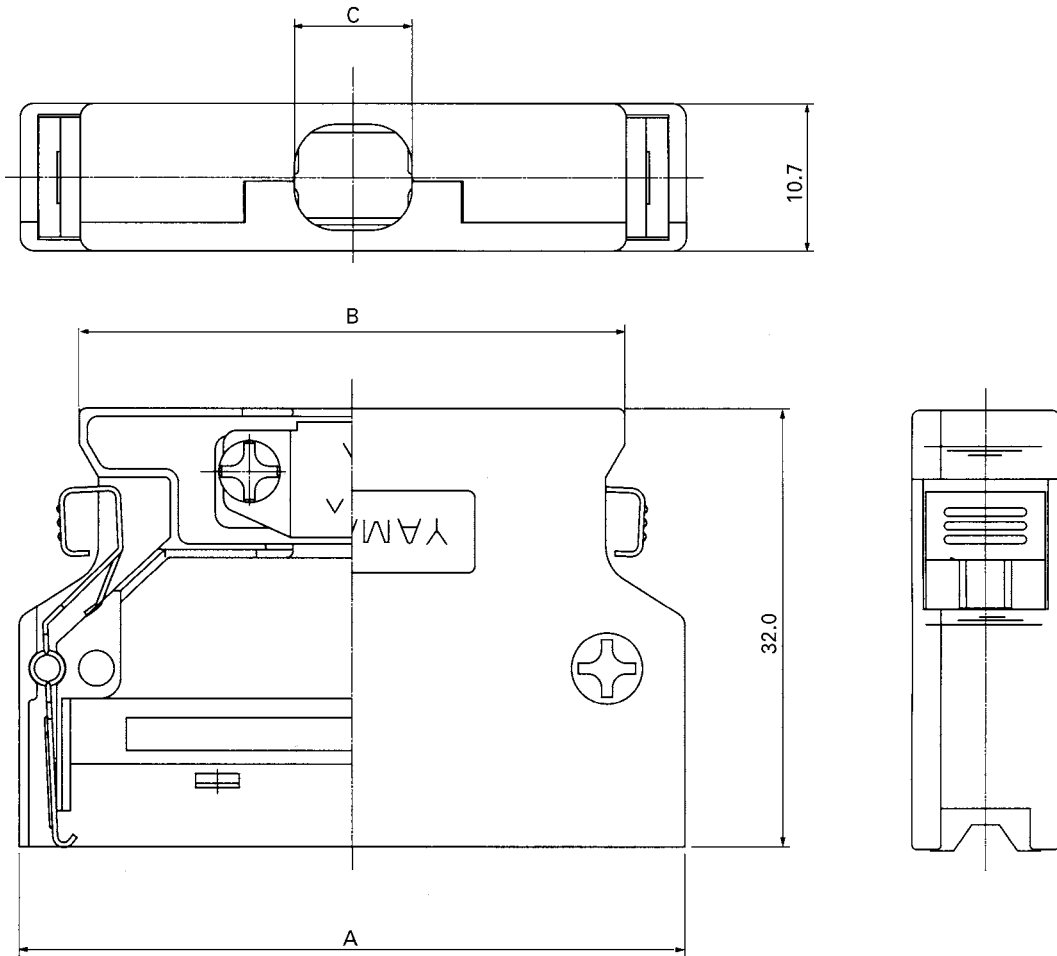
Materials and Finish

Metal Parts: ZDC, Nickel Plated

Features

- Metal cover for EMI protection

Outline Dimensions



Covers for SCSI and Mini Delta Ribbon

Part Number	No. of Leads	A	B	C	Cable Outer Dia.
NHA026-MC01	26	33.5	24.7	7.2	Ø6.0 ~ Ø7.0
NHA050-MC01	50	48.7	40.0	8.6	Ø7.6 ~ Ø8.6
NHA068-MC01	68	60.1	51.4	9.4	Ø8.5 ~ Ø9.5

Mouser Electronics

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