

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

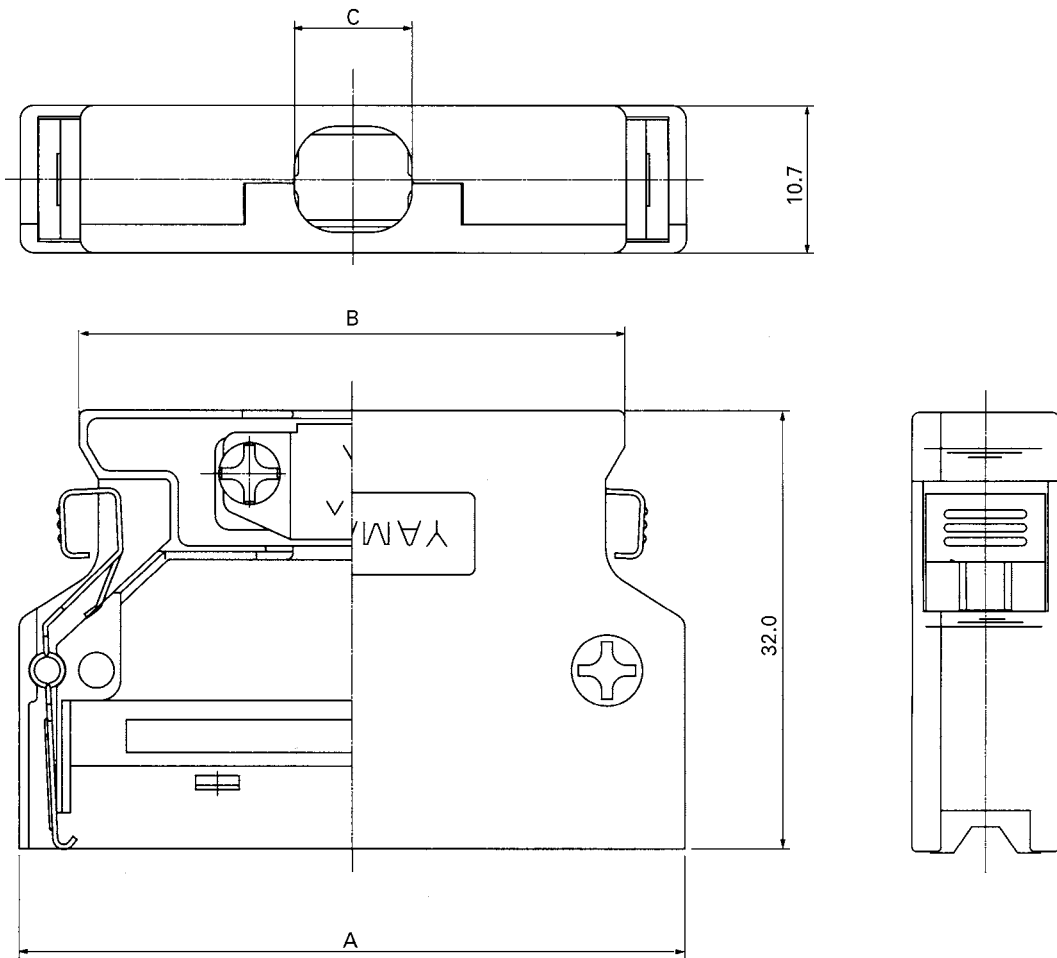
Materials and Finish

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

Common Connector Cover



Part Number (Details)

NHA 050 - MC 02

Series No.

No. of Leads

Type MC = Metal Cover

02 = For I/O Cables

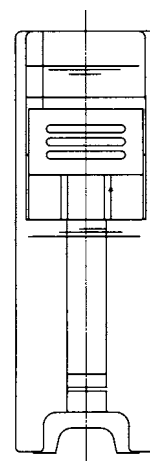
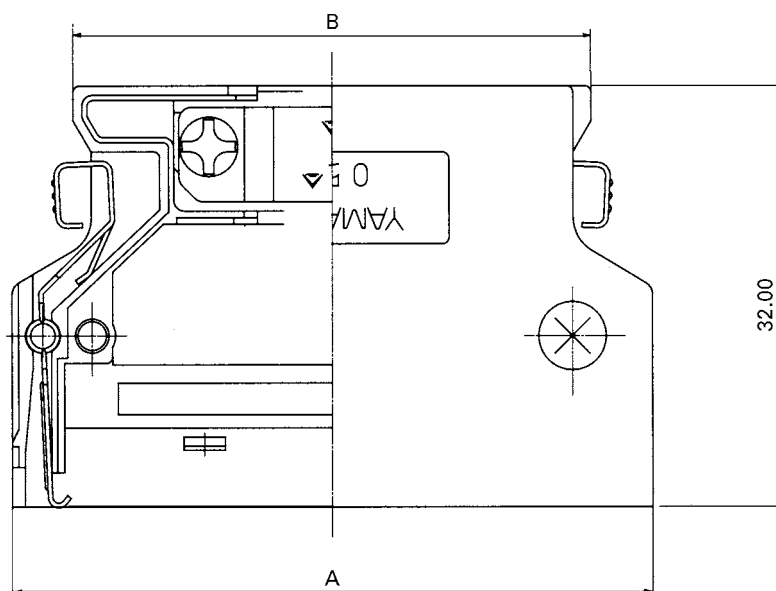
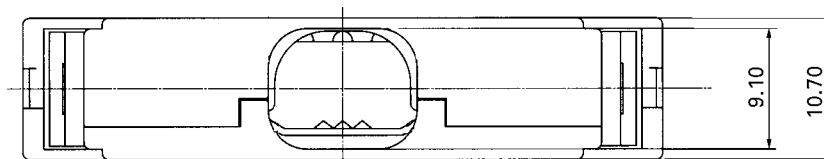
Materials and Finish

Metal Parts: ZDC, Nickel Plated

Features

- Metal cover for EMI protection

Outline Dimensions



Part Number	No. of Leads	A	B	Cable Outer Dia.
NHA036-MC02	36	39.85	31.05	Ø7.6 ~ Ø8.6
NHA050-MC02	50	49.34	39.94	Ø9.5 ~ Ø10.5

Series NHA Metal Cover (60° Cable Exit)

Common Connector Cover



Part Number (Details)

NHA 050 - MC 03

Series No.

No. of Leads

Type MC = Metal Cover

03 = For I/O Cables

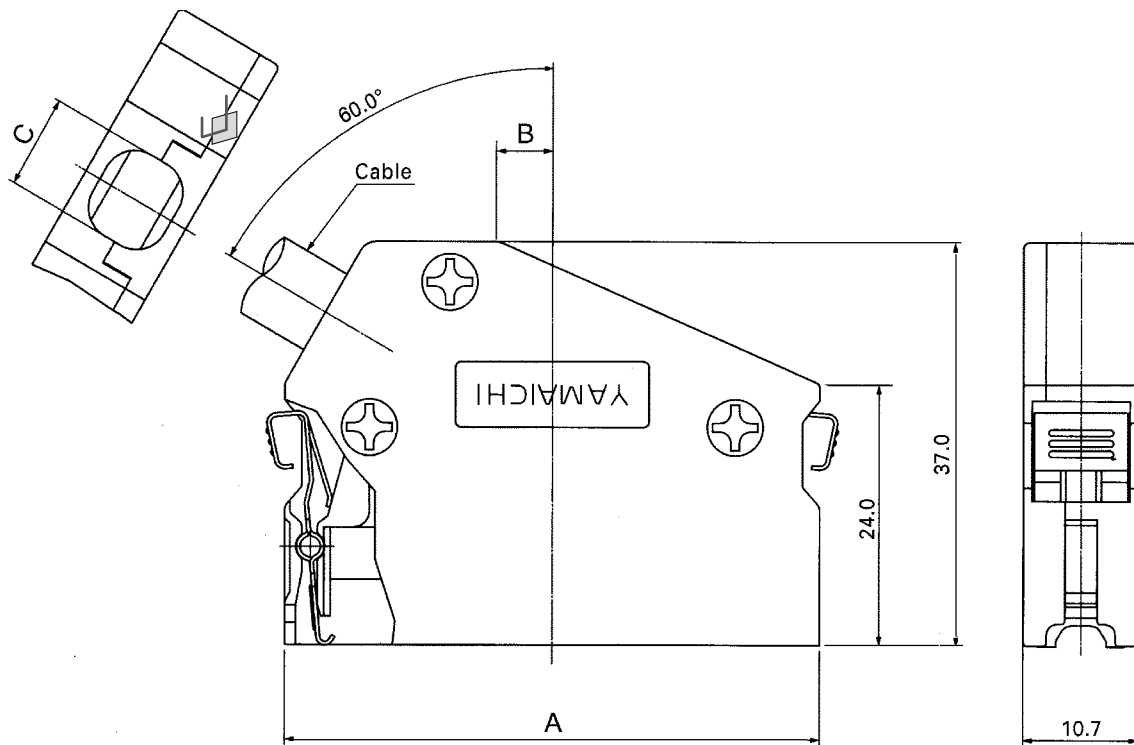
Materials and Finish

Metal Parts: ZDC, Nickel Plated

Features

- Metal cover for EMI protection

Outline Dimensions




Covers for SCSI and Mini Delta Ribbon

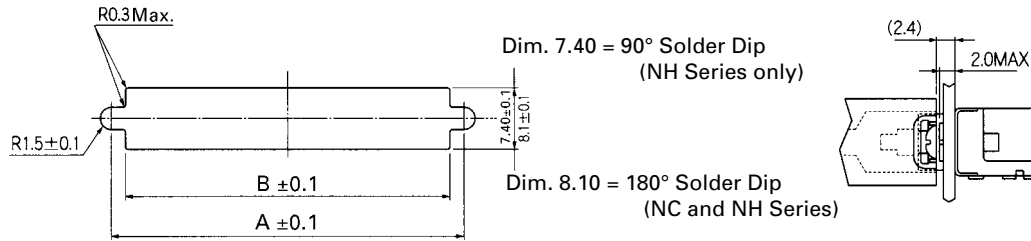
Standard types

Part Number	No. of Leads	A	B	C	Cable Outer Dia.
NHA036-MC03	36	40.85	0.60	7.80	Ø6.9 ~ Ø7.7
NHA068-MC03	68	61.17	10.71	9.40	Ø8.5 ~ Ø9.5

For the version below please contact Yamaichi, minimum order quantity may be required

NHA050-MC03	50	49.74	5.00	8.60	Ø7.6 ~ Ø8.6
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 90° / 180° Solder Dip Types for SCSI-2 (NH Series) and Mini Delta Ribbon (NC Series)

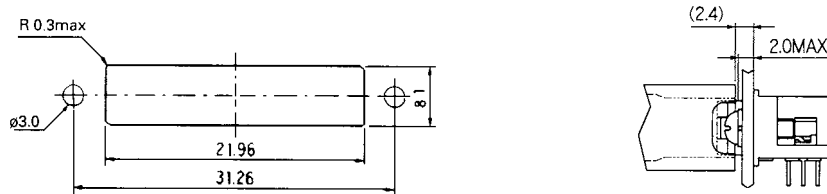


No. of Leads	A	B
20	27.45	23.75
26	31.26	27.56
36	37.61	33.91
50	46.50	42.80
68	57.93	54.23

Information

Maximum panel thickness of 2.0mm must not be exceeded when using washers

For SCSI-3 (NH Series)



Series NC Covers Cross-Reference



Series	Connector	Hood Type
Mini Delta Ribbon	NCP036-0*0-BF	NHA036-MC02
		NHA036-MC03
	NCP050-0*0 BF	NHA050-MC01

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)

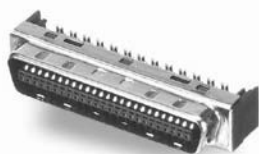
No. of Leads

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

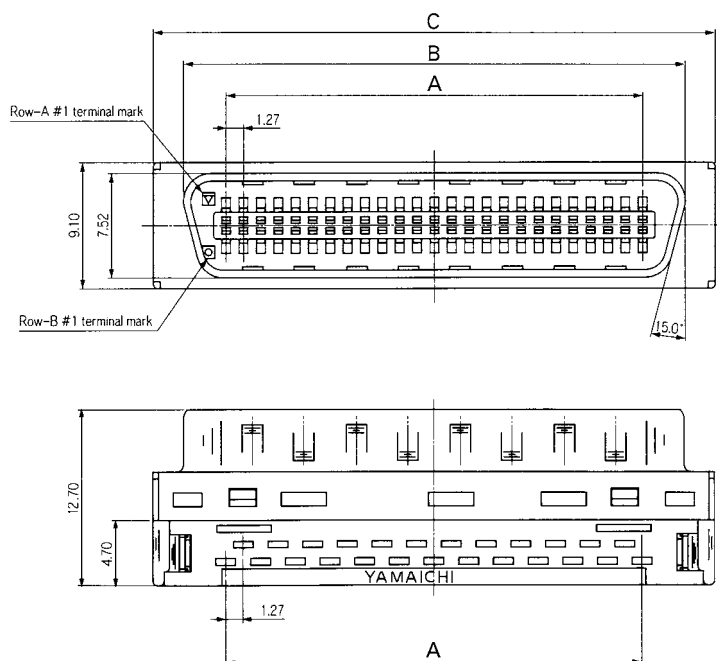


Applicable Cables (for e.g. see Section F)

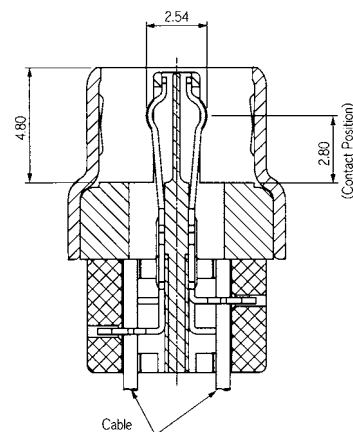
NCP0-020-BF:** 1.27mm pitch flat cable.
Stranded wire AWG 28 (7/0.127),
cable outer diameter 0.8 to 1.1mm
e.g. SFX-S*, DK**

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



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