

NEW

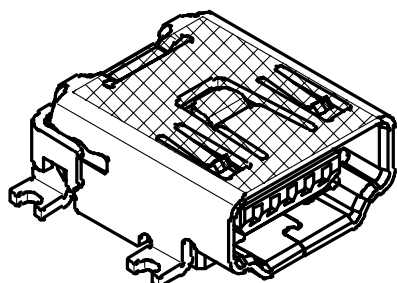

Conforming to USB2.0 standard

CONNECTOR

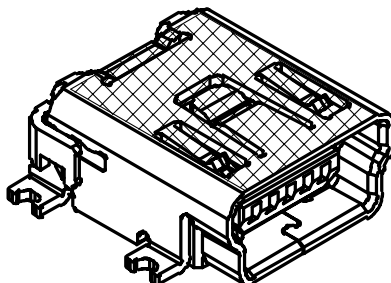
MB-0113-2

July 2006

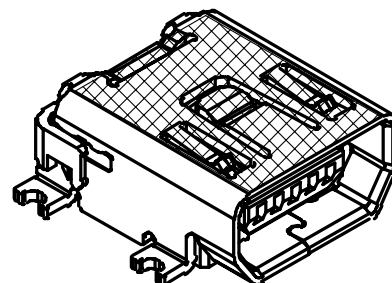
DX1, 2, 3 Series

RoHS Compliant


Type A
DX1



Type B
DX2



Type AB
DX3

[Receptacle]

The DX Series connectors are mini USB connectors conforming to USB2.0 standards.

Features

- Conforms to Universal Serial Bus Specifications Revision 2.0
- Product lineup for each type (Type A: DX1, Type B: DX2, Type AB: DX3)
- Embossed tape for automatic mounting
- Captone tape for easy adsorption at automatic mounting
- Positioning bosses for board mounting

General Specifications

- | | |
|-----------------------------------|-----------------------------|
| •No. of contacts: 5 pos. | •Rated current: 1.0A |
| •Contact resistance: | •Rated voltage: AC30V.r.m.s |
| 50m ohm max. (initial) | •Operating temperature : |
| •Dielectric withstanding voltage: | -20 to+60 Deg. C |
| AC 100 Vr.m.s (per minute) | •Life time: 5,000 cycles |
| •Insulation resistance: | |
| 100M ohm min. (initial) | |

Materials and Finishes

Componets	Materials/Finishes
Contact	Copper alloy/ Contact: Au plating over Ni (0.76um min.) Terminal: Sn-Cu flash over Ni
Insulator	Glass filled nylon
Shell	Copper alloy/ Main unit: Sn plating over Ni Through-hole portion: Sn plating over Ni

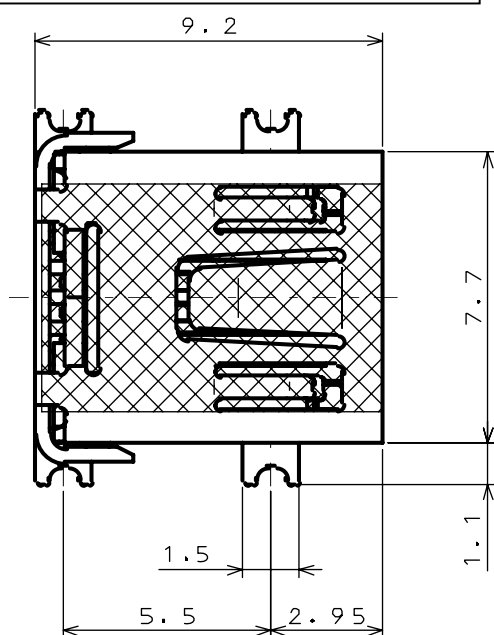
Ordering Information

<u>DX*</u>	<u>R</u>	<u>005</u>	<u>H</u>	<u>N</u>	<u>2</u>	<u>E700</u>
Series						Embossed tape 700 pcs./reel
DX1: type A DX2: type B DX3: type AB						
R: Receptacle						Modify code
No. contact						Finishes N: contact portion: more than 0.76um Au plating, soldering portion: Sn-Cu
						Mounting H: with hold down

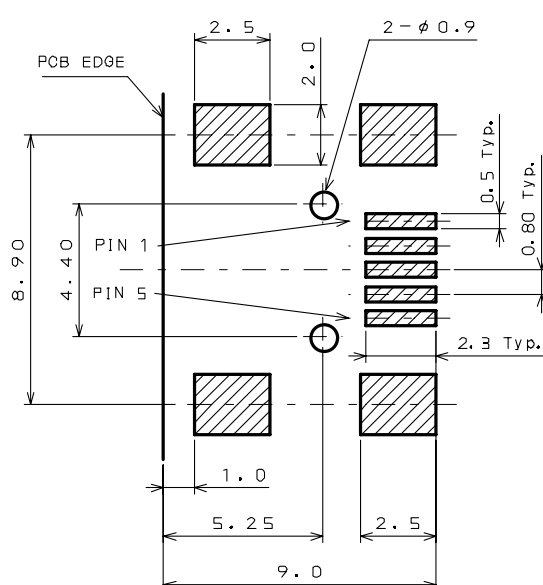
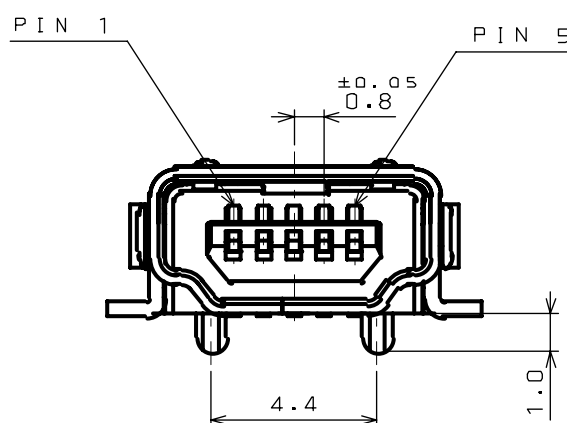
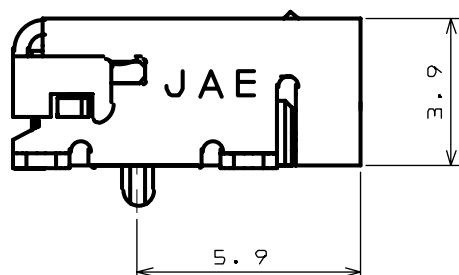
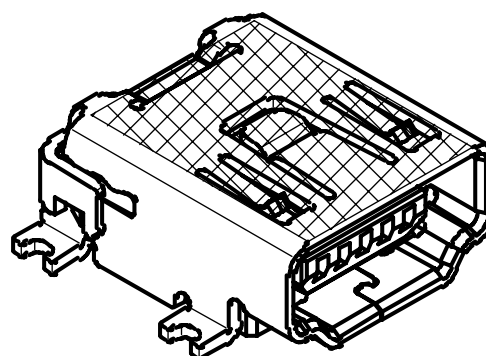
miniUSB Type	Part Number	SJ Drawing	Specification
Type A	DX1R005HN2	SJ101240	JACS-3286
	DX1R005HN2E700	SJ101242	
Type B	DX2R005HN2	SJ037525	
	DX2R005HN2E700	SJ037469	
Type AB	DX3R005HN2	SJ101241	
	DX3R005HN2E700	SJ101243	

*Please order Embossed reel product.

Receptacle: DX1R005HN2

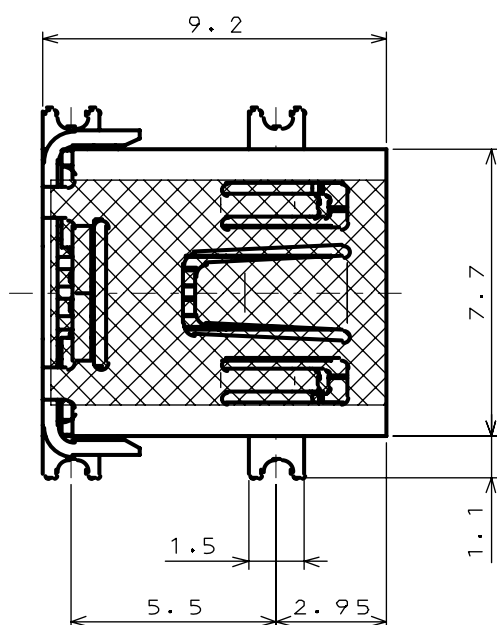


Unit: mm

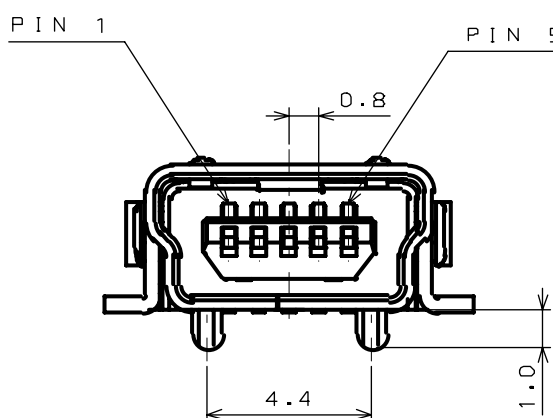
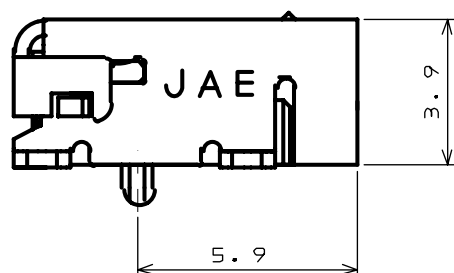
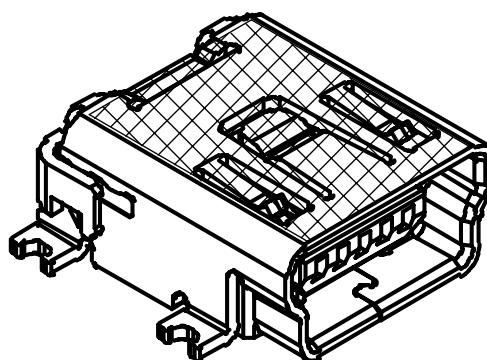


Applicable dimension of board (for reference)

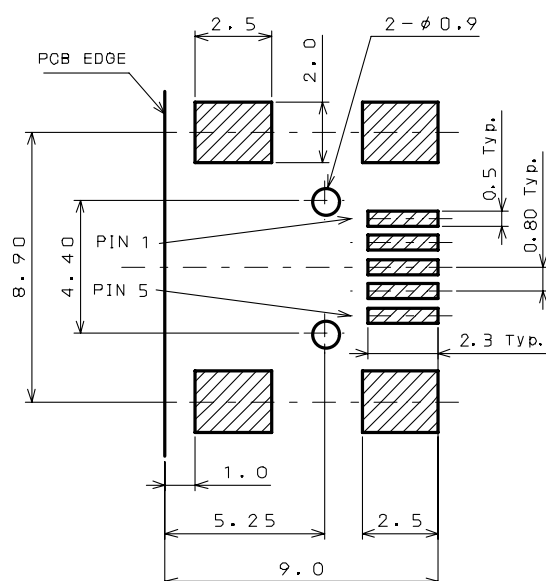
Receptacle: DX2R005HN2



Unit: mm



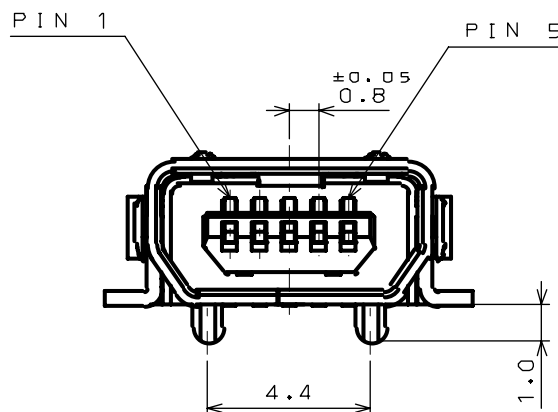
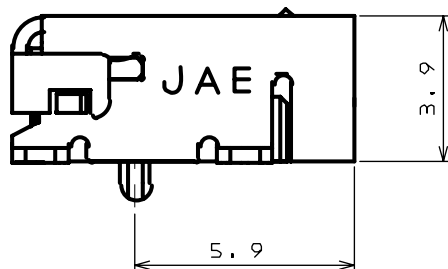
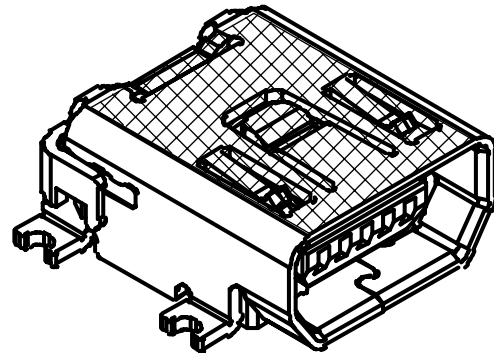
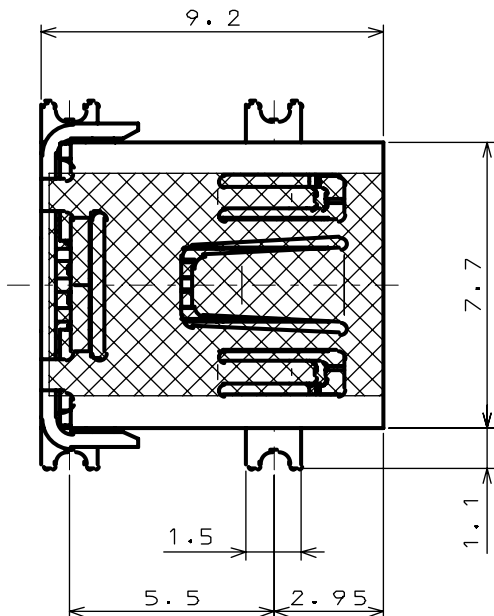
Unit: mm



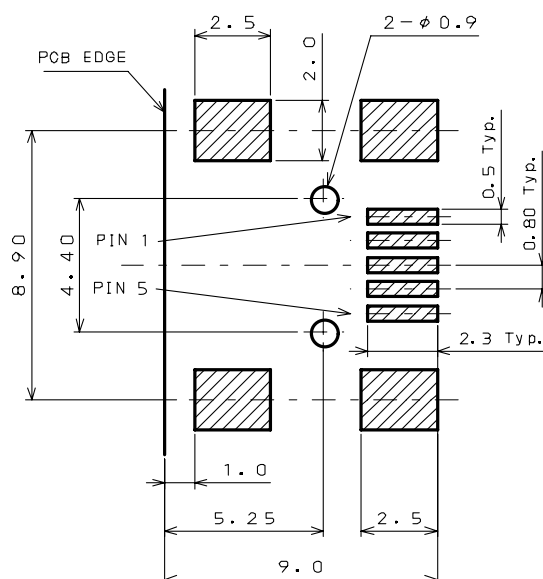
Applicable dimension of
board (for reference)

Receptacle: DX3R005HN2

Unit: mm



Unit: mm



Applicable dimension of
board (for reference)

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Notice: Products shown in this leaflet are made for the applications listed below. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information.

Recommended applications: Computers, Office machines, Measuring devices, Telecommunication devices (Terminals, Mobile devices), AV devices, Household applications, FA devices, etc.

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[DX1R005HN2E700](#)