



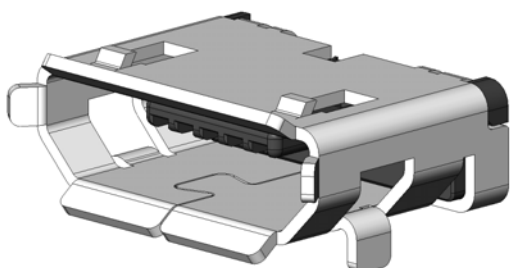
Micro-USB Connector

DX4 Series

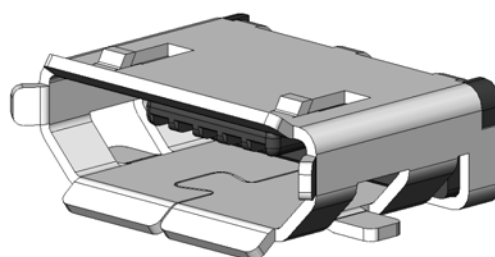
CONNECTOR

MB-0187-1

August 2008

RoHS Compliant

[Through-hole mount Type]



[Surface mount Type]

The DX4 Series is a compact and slim connector that is compatible with the Micro-USB type USB connector, newly standardized by the USB Implementers Forum, Inc.

Features

- Compatible with Universal Serial Bus Micro-USB Cables and Connectors Specification, Revision 1.01
- Connector type: Type B
- Slim, space saving connector with 2.35mm height, 5mm depth
- Available in through-hole mount type and surface mount type
- Structure with enhanced resistant to twisting through use of high strength stainless steel.

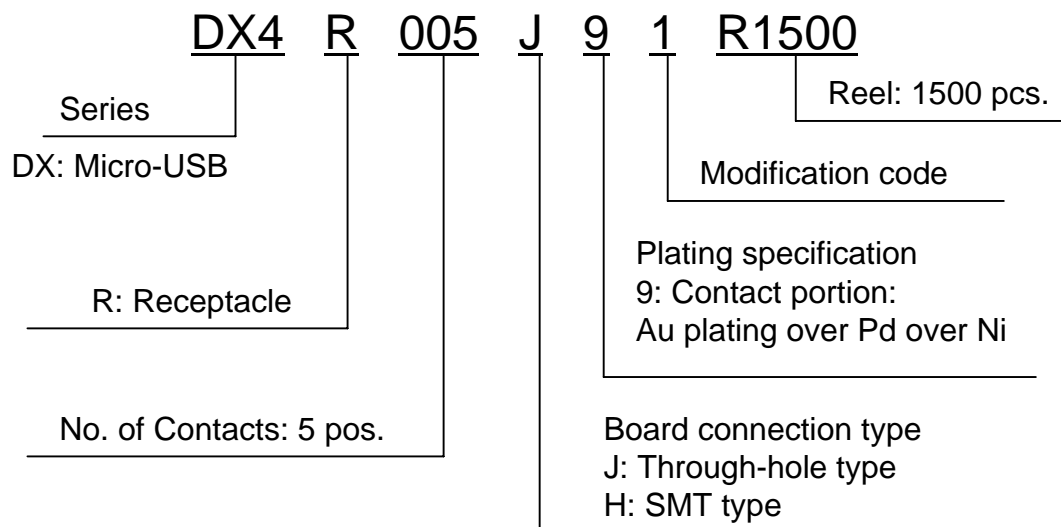
General Specifications

- | | |
|---|----------------------------------|
| ■No. of contacts: 5 pos. | ■Rated voltage: 1.8A (Vbus, GND) |
| ■Contact resistance: | Others 0.5A |
| 30m ohm max. (initial) | ■Rated Voltage: AC30Vrms |
| ■Dielectric withstanding voltage: | ■Operating temperature: |
| DC500 per minute | -30 Deg. C to +80 Deg. C |
| ■Insulation resistance: 1000M ohm (initial) | ■Durability: 10,000 times |

Materials and Finishes

Component	Material/ Finish
Insulator	Glass filled nylon resin UL94V-0
Contact	Copper alloy/ Contact area: Au plating over Pd over Ni Terminal area: Au flash plating over Ni
Shell	Stainless steel/ Sn plating over Ni

Ordering Information

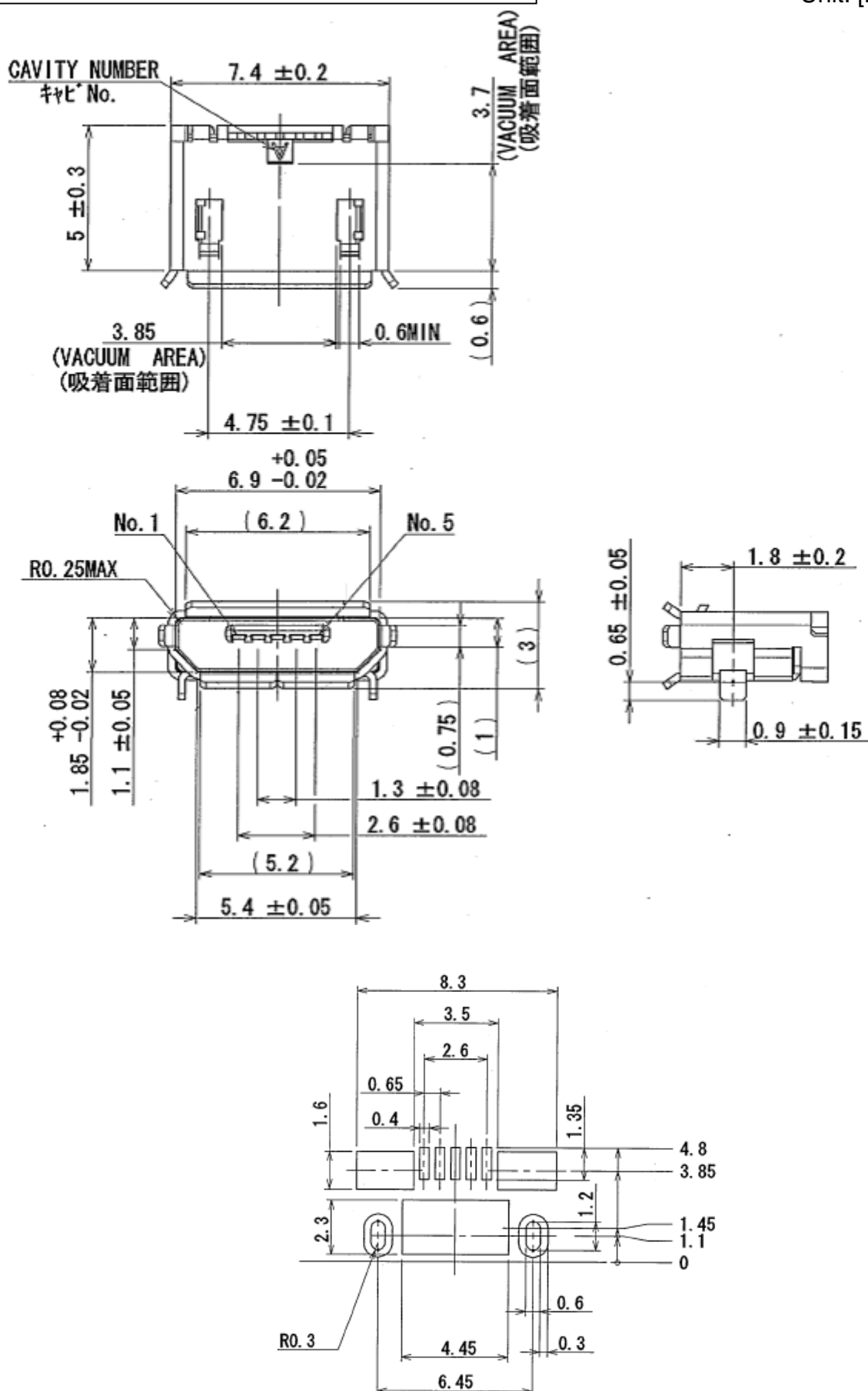


Micro-USB Connector Type	Part Number	SJ Drawing	Specifications
Type B	Individual Product (Through-hole Type): DX4R005J91	SJ107045	JACS-30097
	Reel (Through-hole Type): DX4R005J91R1500	SJ107053	
	Individual Product (SMT Type): DX4R005H91	SJ107089	
	Reel (SMT Type): DX4R005H91R1500	SJ107387	

Note: Please place your order in reel units.

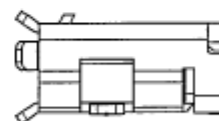
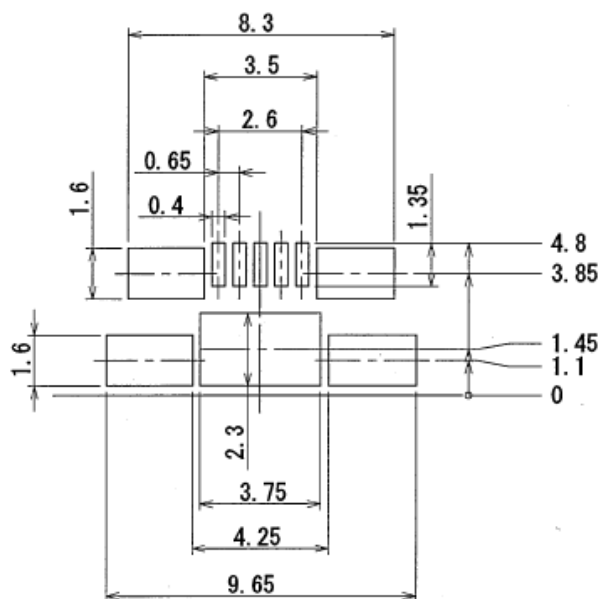
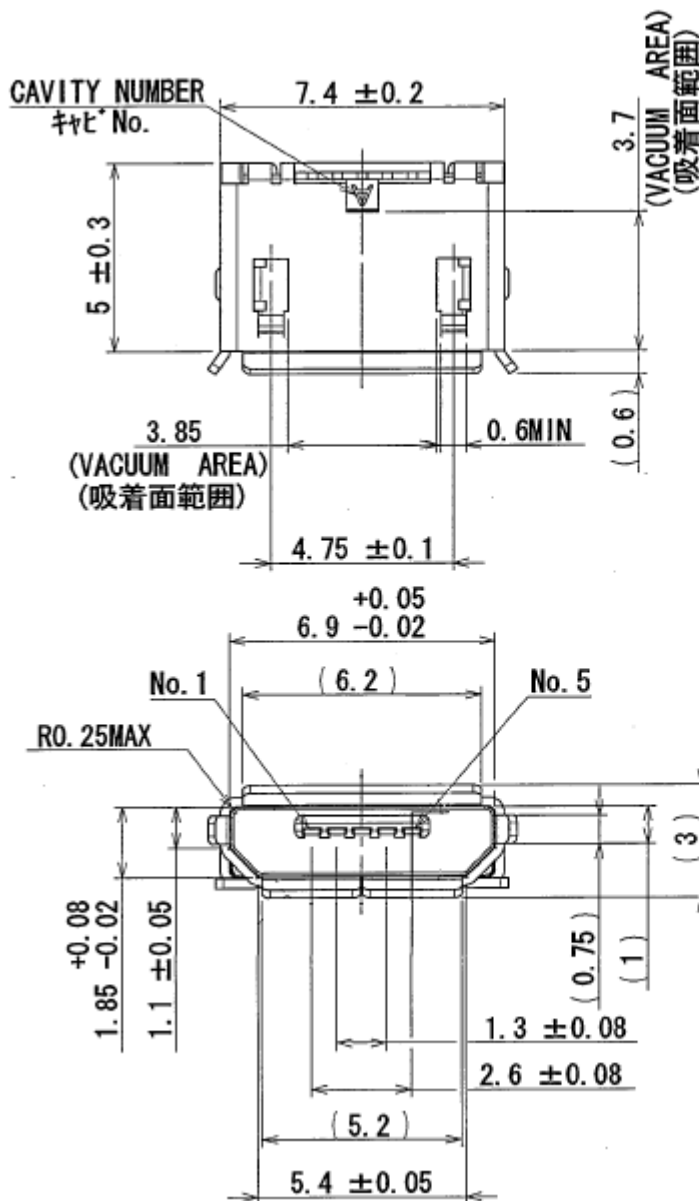
Through-hole Type: DX4R005J91

Unit: [mm]



Applicable Dimensions of Board (for Reference)

SMT Type: DX4R005H91



Applicable Dimensions 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.

Mouser Electronics

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JAE Electronics:

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[DX4R005JJ2R1800](#) [DX4R005JJ7R1500](#) [DX4R205JJAR1800](#) [DX4RNW5HJ3R1000](#) [DX4R005JJ6R1500](#)
[DX4R005JJER1800](#) [DX4R0W5HJ1R1300](#) [DX4R205JJ9R2000](#) [DX4R305JJBR1800](#) [DX4RN05JJ3R2000](#)
[DX4RNW5HJ1R1000](#)