

NEW

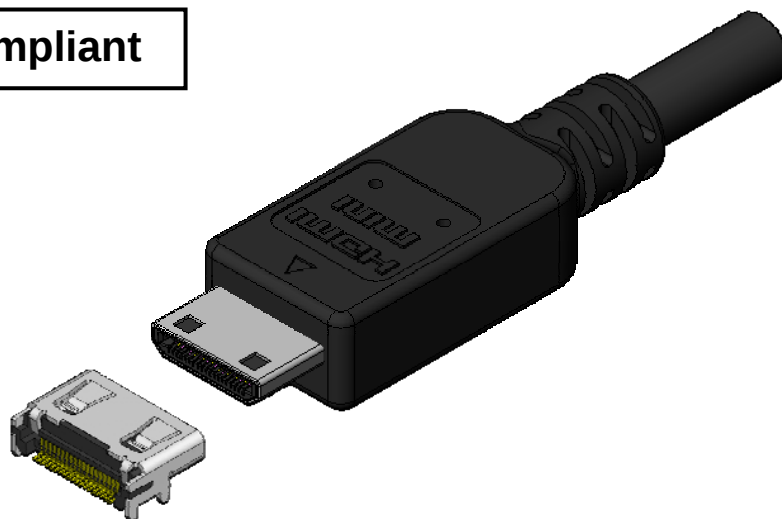

HDMI Standard Type C HDMI Mini Connector

CONNECTOR

MB-0186-1

July 2008

DC2 Series

RoHS Compliant

Recently, products with high-definition capability are becoming wide-spread in the portable device market.

The DC2 Series is a compact, small form factor connector compatible with the Type C HDMI Mini Connector standard for digital interface.

*HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Features

- 0.4mm pitch, 19 pos., compact connector
 - Impedance-matching design compliant with high-speed transmission
 - Pin assignment designed for low cross-talk
 - Receptacle connector available with and without flange.
 - Cable side is Category 2 certified HDMI compliant.
- Cable with Type A and Type C connectors supplied as harness product.

Applicable Markets

High definition camcorder, digital still camera (single-lens reflex, compact), mobile phone, portable game device, etc.

General Specifications

- No. of contacts: 19 pos.
- Contact resistance: Contact area --- 60m ohm max., Shell area --- 30m ohm max.
- Dielectric withstanding voltage :AC 40V rms minute
- Operating temperature: -20 Deg. C to +85 Deg. C
- Rated voltage: 0.5A max. per contact
- Mating cycles: 5,000 times
- Impedance: Contact area --- 100 ohm $\pm$ 25%
Connection area --- 100 ohm $\pm$ 15%, Cable area --- 100 ohm $\pm$ 10%

Materials and Finishes

Receptacle

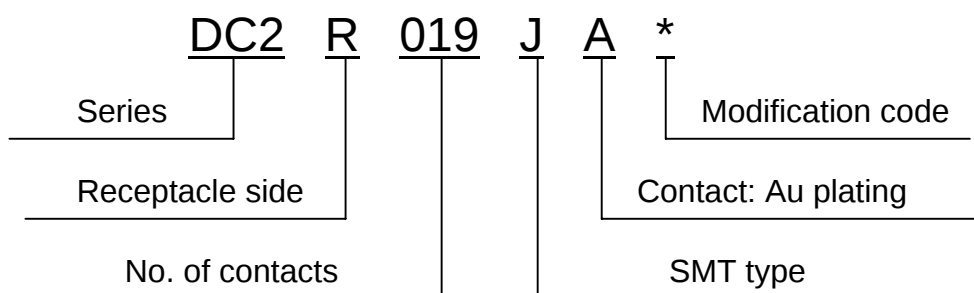
Component	Material/ Finish
Insulator	Heat resistant plastic
Contact	Copper alloy/ Au plating over Ni
Shell	Copper alloy/ Sn plating

Cable

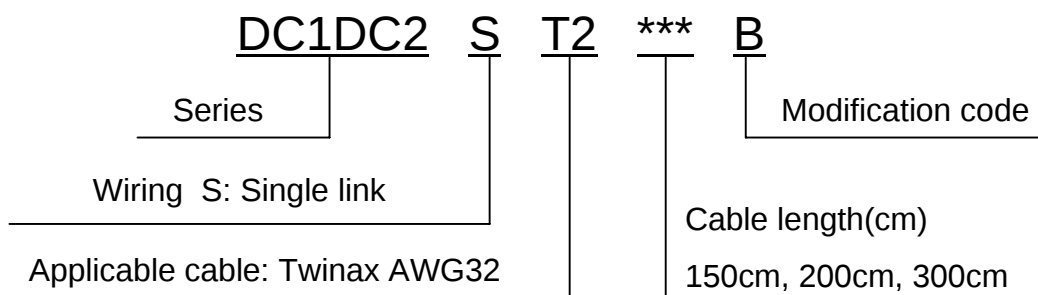
Component	Material/ Finish
Insulator	Heat resistant plastic
Contact	Copper alloy/ Au plating over Ni
Shell	Copper alloy/ Sn plating
Hood	PVC/ Color: Black (UL94V-0)

Ordering Information

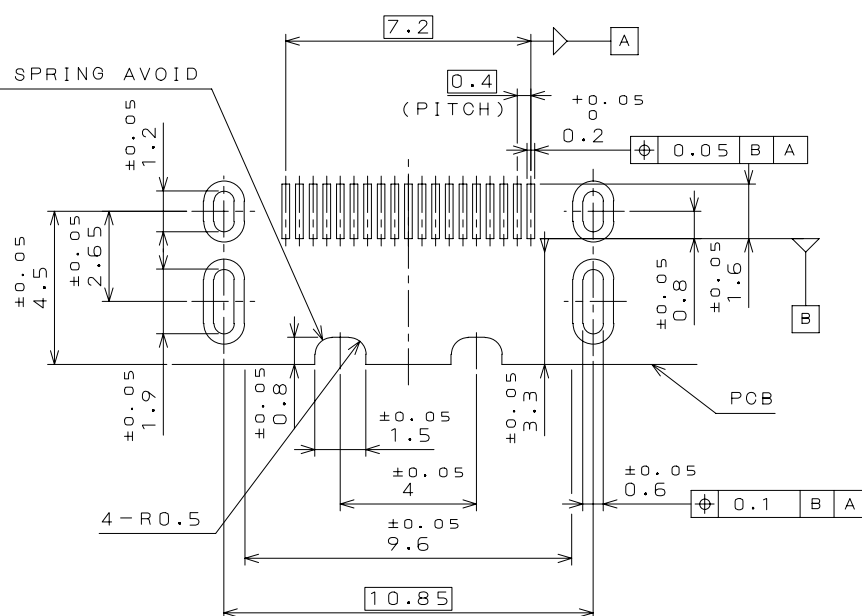
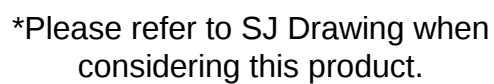
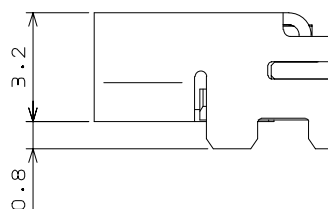
Receptacle



Harness

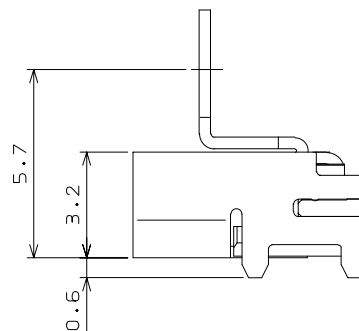


Without flange type



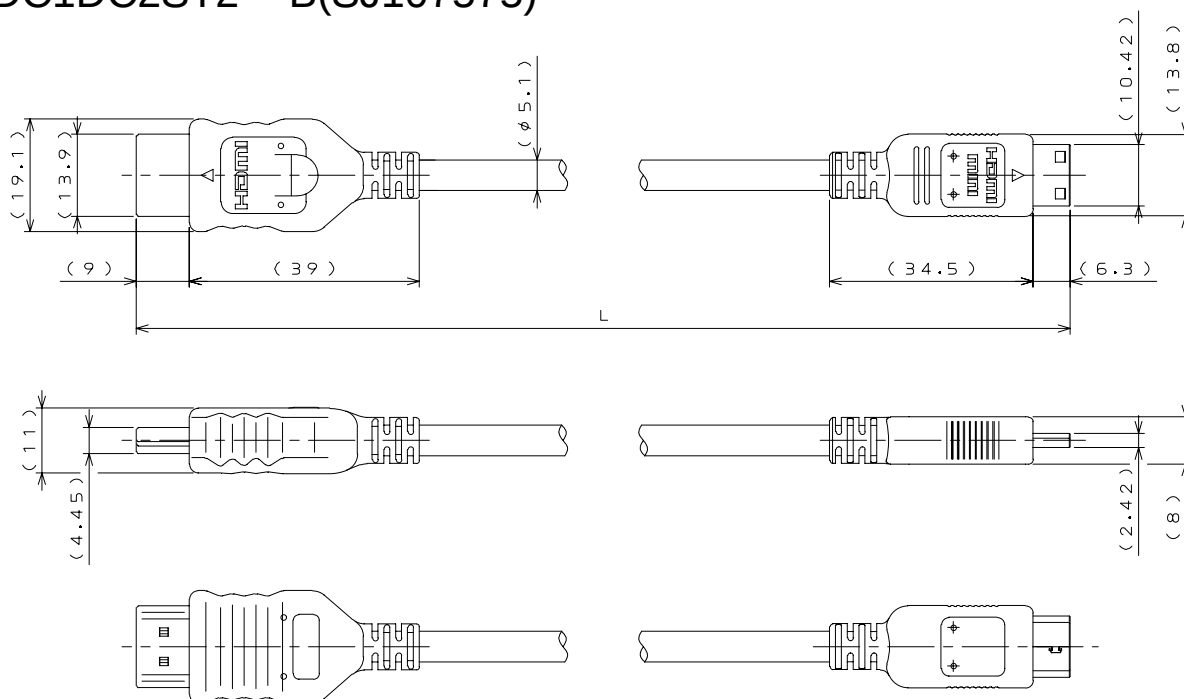
Applicable board dimension

With flange type

[illegible]

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Harness side DC1DC2ST2***B(SJ107575)



*Please refer to SJ Drawing when considering this product.

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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.