

METABEE

DVI Connectors





Metabee (Chengdu) Technology Co., Ltd.

180+
Countries

300+
Workers

20,000 M²
Production Workshop

16M
Group Assets

Metabee (Chengdu) Technology Co., Ltd. established in 2022 located in Sichuan Province with convenient transportation. Our associated factory Jiangmen Dosing specialize in producing RF connectors, M series connectors, and cables.

We are committed to being the world's leading Manufacturer of electronic connectors and industrial cables. We have developed more than 20 product series and more than 5,000 varieties. These products have been widely sold to many countries and regions around the world. They are mainly used for outdoor lighting automation machinery, new energy vehicles, charging equipment, electricity generation facilities, and other industries.

We can also support OEM ODM and customized related products. All products have owned American UL, German TUV, and Europe CE ROHS certifications and have several design patents. Our associated factory has production workshop with an area of 20,000 square meters, more than 300 employees, 30 international advanced production lines, and tens of precision testing equipment. Moreover, we have constructed a specialized laboratory for product research and development. Our reliable product quality, good service, and rapid technical have helped us win many customers in China and overseas markets.

Metabee (Chengdu) Technology Co., Ltd. has become the leading technology and scale Enterprise in the connector field. We have a reliable reputation among our customers because of our professional services, quality products, and competitive prices. We welcome customers from home and abroad to cooperate with us for Common success.



DVI Connectors

1. Overview

Metabee's DVI (Digital Visual Interface) connectors provide the industry-standard digital interface for flat panels, video graphics cards, monitors, and HDTVs. The Metabee DVI series includes DVI-D (Digital), DVI-A (Analog), and DVI-I (Integrated Digital/Analog) options.

Featuring unique crossing ground blades, these connectors deliver high-speed performance at a cost-effective price point. Available in both straight and right-angle PCB mount receptacles, each version incorporates specially designed contacts for enhanced signal integrity and a robust zinc alloy shield to minimize electromagnetic interference (EMI).

Features & Specifications

Features:

- Supports Analog and Digital signals
- Offers excellent EMI/RFI performance
- Plug and Play interface
- Supports high bandwidth up to 2.5 GHz analog signal
- Variety of Mating and mounting options

Mating Connectors:

All industry standard DVI connectors

Packaging:

Anti-ESD plastic trays

Specifications:

Material:

Standard Insulator: PA66, Glass filled, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T rated UL94V-0
Insulator Color: White, (Black optional)

Contacts: Phosphor Bronze

Shell: Steel, Nickel Plated

Contact Plating:

Gold over nickel underplate on mating area, Tin over Copper underplate on tails

Electrical:

Operating Voltage: 250V AC

Current Rating: 1.5 Amps max.

Contact Resistance: 20 mΩ max. initial

Insulation Resistance: 100 MΩ min.

Dielectric Withstanding Voltage: 500V AC for 1 minute

Mechanical:

Insertion force: 10 lb max .

Withdrawal force: 2.2 lb. min.

Mating Cycles: 10,000 Cycles Min

Temperature Ratings:

Operating Temperature: -20°C to +85°C

Soldering process temperature:

- Standard insulator: 235°C
- Hi-Temp insulator: 260°C

Part Number Configuration

DVI - SL - 24 - 2 - JS

Series:	Body Style:	Positions:	Application:	Options:
DVI = Digital Video Interface Connector	SL = Socket, Right Angle PCB Tail ST = Socket, Straight PCB Tail	24 = 24 Positions	1 = Digital 2 = Analog	<i>Add designator(s) to end of part number</i> JS = Jackscrews Installed

Part Numbers	Gender	Type	Number of Contacts	Orientation	Mount Method	Application
DVI-PT-24-2-01	Male	DVI-I	24+5	Vertical	Through Hole	Analog
DVI-SL-24-1	Female	DVI-D	24+1	Right Angle	Through Hole	Digital
DVI-SL-24-2	Female	DVI-I	24+5	Right Angle	Through Hole	Analog
DVI-SL-24-2-30-HT-TR	Female	DVI-I	24+5	Right Angle	Through Hole	Analog
DVI-ST-24-1-JS1	Female	DVI-D	24+1	Vertical	Through Hole	Digital
DVI-ST-24-2	Female	DVI-I	24+5	Vertical	Through Hole	Analog
DVI-ST-24-2-01	Female	DVI-I	24+5	Vertical	Through Hole	Analog
DVI-ST-24-2-JS	Female	DVI-I	24+5	Vertical	Through Hole	Analog

Thanks for Watching!

Our team of passionate experts brings a wealth of experience to the table, ready to collaborate with you and unlock your full potential. By joining forces, we can create innovative solutions and achieve remarkable things.



CONTACT US

Phone: +86 159 2624 1606

E-mail: sales@metabeeai.com

Web: www.metabeeai.com & www.metabee.com

Address: Room 601, Building 3, Wanhe Center, Guanghua North 3rd Road, Qingyang District, Chengdu, China