DVI CONNECTOR
DIGITAL VIDEO INTERFACE
DVI SERIES

INTRODUCTION:
Adam Tech DVI series Digital Visual Interface connectors are the standard digital interface for flat panels, video graphics cards, monitors, and HDTV units. This series includes DVI-D (Digital), DVI-A (Analog) and DVI-I (Integrated Digital/Analog) Their unique crossing ground blades provide high speed performance at low cost. They are available in Straight or Right Angle PCB mount receptacles and mating male cable connectors. They support a data transfer rate of 4.95Gbps with a dielectric withstanding voltage of 500VAC. Each version features our specially designed contacts which improve signal performance and a zinc alloy shield that reduces electromagnetic interference (EMI).

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:
Adam Tech DVI connectors and all industry standard DVI connectors.

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 Flash 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: 1000 MΩ min.
Dielectric Withstanding Voltage: 500V AC for 1 minute

Mechanical:
Insertion force: 10 lb max.
Withdrawal force: 2.2 lb. min.
Durability: 100 cycles

Temperature Rating:
Operating Temperature: -55°C to +85°C
Soldering process temperature:
Standard insulator: 235°C
Hi-Temp insulator: 260°C

PACKAGING:
Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:
UL Recognized File No. E224053
CSA Certified File No. LR1578596

HI-TEMP INSULATOR AVAILABLE

RoHS COMPLIANT



ORDERING INFORMATION

DVI	SL	24	1

SERIES INDICATOR
DVI = Digital Video Interface Connector

BODY STYLE
SL = Socket, Right Angle PCB Tail
ST = Socket, Straight PCB Tail

POSITIONS
24

APPLICATION
1 = Digital
2 = Analog

OPTIONS:
Add designator(s) to end of part number
BK = Insulator color black
JS = Jackscrews Installed
HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C