



**FCI**

# Low Cost Digital Visual Interface (DVI) Connectors

## Description

This low cost DVI connector provides high performance digital-only and digital / analog interface between a host device and a display device in high-resolution video applications.

FCI offers this low cost DVI connector to conserve PCB real estate and allow for digital-only and integrated digital / analog support in a single connector instead of two.

## Features & Benefits

- Fully compliant with the DDWG\* DVI 1.0 Specification
- 24-position, digital-only (DVI-I) right angle receptacles
- 29-position, integrated digital / analog (DVI-I) right angle receptacles
- Mounting screws option
- Lead free option (pure tin)
- Plug and play
- Broad industry support
- \* Digital Display Working Group

## Target Markets

- PC Computing and Consumers

## Target Applications

- Personal Computers and Notebooks
- LCD Displays
- Video Graphic Cards
- Projectors

## Technical Data

### Materials

- Housing
  - High Temperature Plastic
  - Glass Fiber, UL94V-0
- Spacer
  - High Temperature Plastic
  - Glass Fiber, UL94V-0
- Contact
  - Copper Alloy
- Shield
  - Cold Roll Steel



## Mechanical Performance

- Mating force
  - 4.5kg max. @ 25mm/minute
- Unmating force
  - 1.0kg min., 4.0kg max. @ 25mm/minute

## Electrical Performance

- Insulation Resistance
  - 1000 M $\Omega$  min. with 500V
  - DC $\pm$ 50V, ANSI/EIA-364-21, method C
- Dielectric Withstanding Voltage
  - 500 Volts RMS, 60Hz, ANSI/EIA-364-20, method C
- Low Level Contact Resistance
  - 30 m $\Omega$  max. initial, ANSI/EIA-364-23

## Specifications

- FCI Product Specification GS-12-249

## Packaging

- Tray

## Available in All Regions



For more information, please visit our website at [www.fciconnect.com](http://www.fciconnect.com)

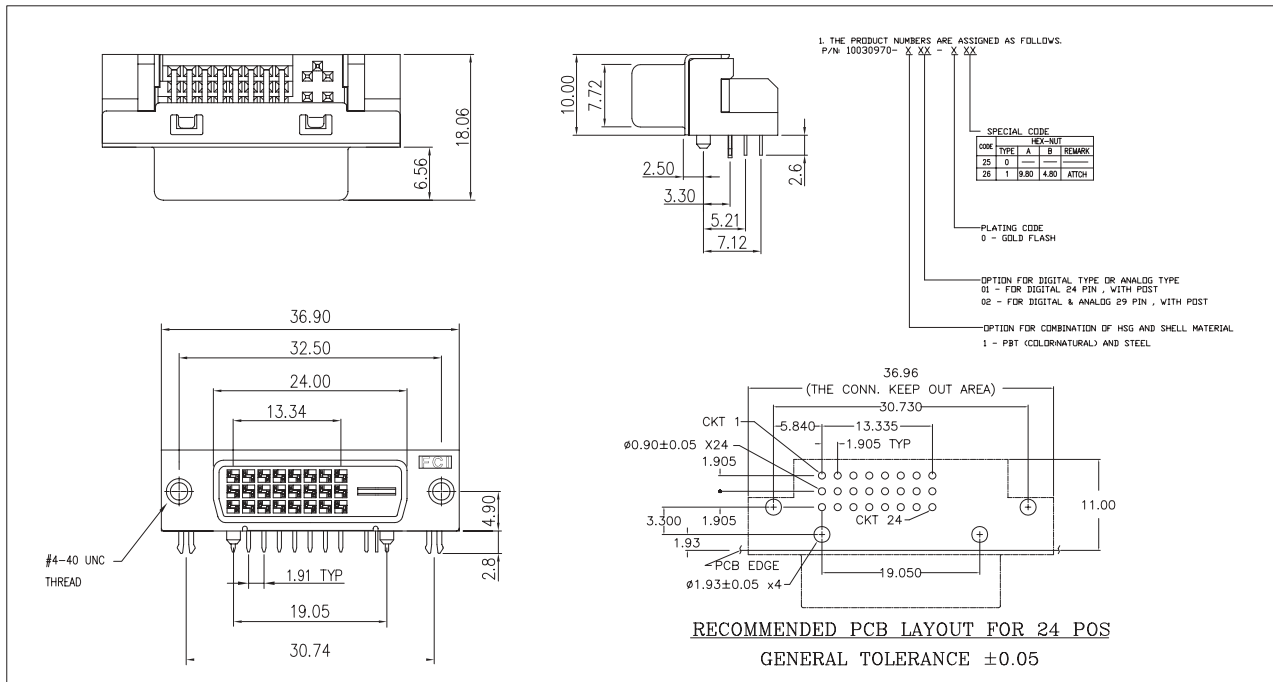
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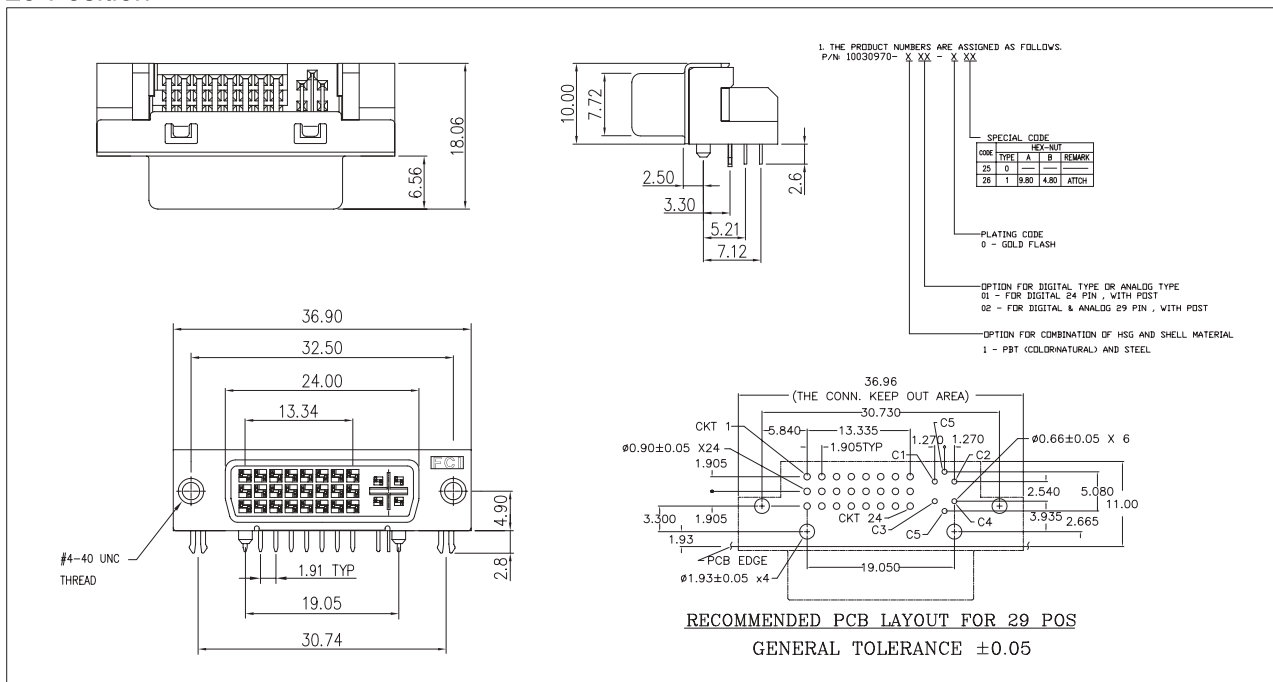
## Ordering Information

- Part Number  
- 10030970      DVI Receptacles Connector (Right Angle Type)

### 24-Position



### 29-Position



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SP LCDVI 1203 E