

KVI Series Digital Visual Interface

Features



- Digital and Digital/Analog Pinouts
- Supports 1.65 Gbps Digital and 2.5Ghz Analog
- Conforms to Digital Display Working Group DVI Standard
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Material and Finish

Shell

Steel, Nickel Plated

Insulator

Black or White Thermoplastic, UL94V-0 Rated,



Contact Material

Copper Alloy

Electrical Specifications

Current Rating

1.5 Amps Min.

Voltage Rating

40V DC

Dielectric Withstanding Voltage

500V AC for 1 Minute

Insulation Resistance

More than 1000 Megohms at 500V DC

Contact Resistance

20 Milliohms Max

Temperature Rating

-20°C to +85°C

DIGITAL VISUAL INTERFACE

KVI Series

Mechanical Specifications

Insertion Force

4.5kg (10 lbs) Max

Withdrawal Force

1.0kg (2.2 lbs) Min

Durability

100 Mating Cycles

Vibration

No Discontinuity >1us

Ordering Information

| | | | | | | | | | |
|--------|---|------|--------------------|--------------|---|-----------------|---|-------|-----------------|
| KVI | - | DA | 29 | S | - | N | - | W | 30 |
| Series | | Type | Number of Contacts | Contact Type | | Mounting Option | | Color | Plating Options |

Series

KVI - Digital Visual Interface

Type

DA-Digital/Analog Interface (29 Contact)

DG-Digital Interface (24 Contact)

Number of Contacts

24, 29

Contact Type

S-Socket Contact (Receptacle)

Mounting Option

N-Board Locks* and 4-40 Riveted Threaded Inserts

FP-Board Locks*, 4-40 Riveted Threaded Inserts and Plastic Pegs

Color

B - Black

W - White

Plating Options

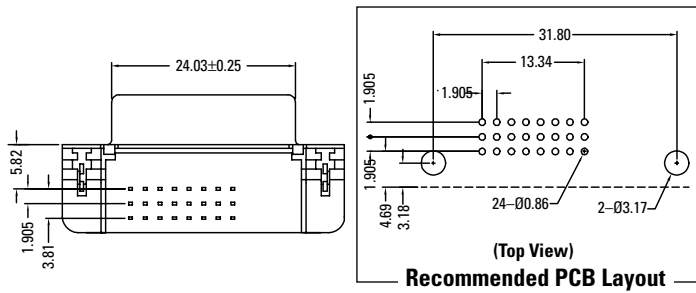
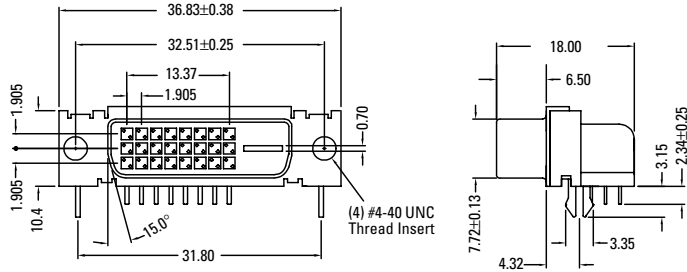
| | |
|----------|--|
| Standard | Gold flash over nickel on contacts. Tin/lead over nickel on soldertails |
| 30 | 30µ" Gold over Nickel on mating end of contacts. Tin/lead over Nickel on soldertails |

*Please note difference in design and mounting

KVI Series Dimensions

Dimensions in mm

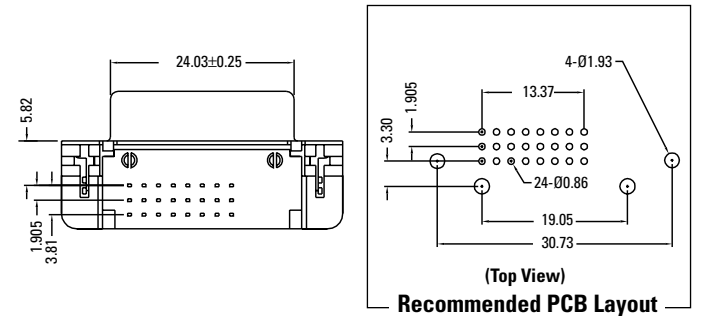
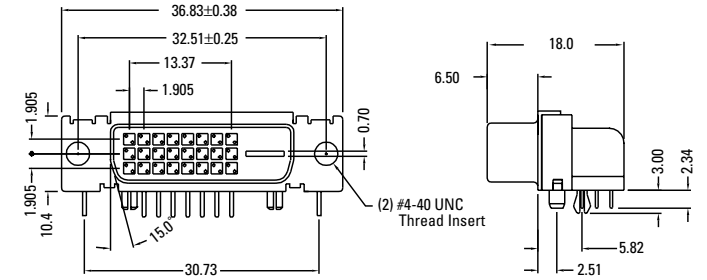
KVI-DG24S-N



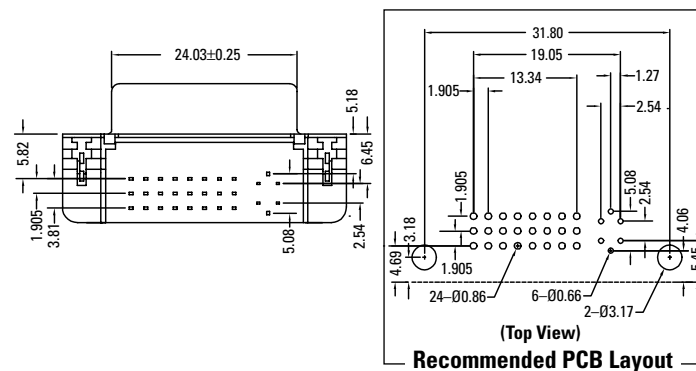
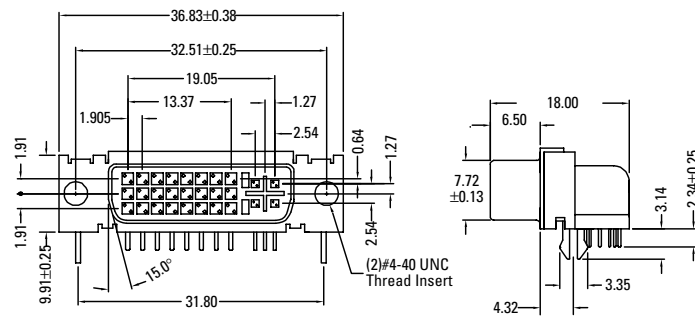
KVI Series Dimensions

Dimensions in mm

KVI-DG24S-FP



KVI-DA29S-N



KVI-DA29S-FP

