

KVIX Series Digital Visual Interface

Features



- Digital and Digital/Analog Pinouts
- Supports 4.95Gbps over a single link and 9.9Gbps over a dual link implementation
- 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 High Temp 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 RMS for 1 Min.

Insulation Resistance :

More than 1000 Megohms at 500V DC

Contact Resistance :

20 milliohms Max

Temperature Rating :

-20°C to + 85°C

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

DIGITAL VISUAL INTERFACE

KVIX Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder

Series	Type	No of Contacts	Contact Type	Mounting Option	Color	Plating Option
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Series

KVIX - 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 & Plastic Pegs

Color Option

B - Black

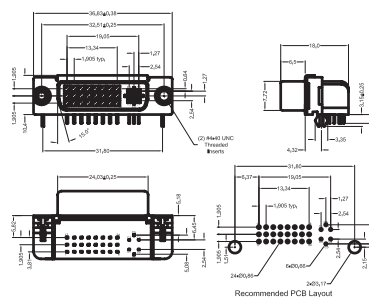
W - White

Plating Option

Standard	Gold flash over nickel on contacts. Tin over Nickel on soldertails
30	30 μm Gold over Nickel on mating end of contacts. Tin over Nickel on soldertails

*Please note difference in design and mounting

KVIX-DA29S-N-x Dimensions in mm



KVIX-DA29S-FP-x Dimensions in mm

