



## 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 for 1 Minute

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 :100Mating Cycles

Vibration :No Discontinuity >1us

## DIGITAL VISUAL INTERFACE

### KVIX Series

### Ordering Information

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

#### 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 and Plastic Pegs

#### Color

B - Black

W - White

#### Plating Options

|          |   |
|----------|---|
| Standard | Gold flash over nickel on contacts. Lead over nickel on soldertails               |
| 30       | 30µl' Gold over Nickel on mating end of contacts. Lead over Nickel on soldertails |

\*Please note difference in design and mounting