

RoHS



## KDMI42X Series

Stacked HDMI™

### Features

- Metal shields provide better ESD protection
- Provides low impedance mismatch
- Dual 19 position receptacle
- Panel mount flange adds mechanical stability and provides Additional grounding

### Performance Specifications

#### Materials and Finish

**Shell:** Copper Alloy Tin over Nickel plated

**Insulator:** UL94V-0 Rated Thermoplastic, Color-Black

**Contacts:** Copper Alloy

**Plating:** 15µ" Gold plated on contact area.  
Tin plated on solder tail Nickel underplated.

#### Mechanical Characteristics

**Insertion Force:** 44.1N Max.

**Extraction Force:** 9.8N Min., 39.2N Max.

**Durability:** 10K mating cycles

#### Electrical Characteristics

**Rated Voltage:** 40V AC (RMS)

**Contact Current Rating:** 0.5Amps Min.

**Contact Resistance:** 10 milliohms Max.  
10 Megohms Min. (mated)

**Insulation Resistance:** 100 Megohms Min. (unmated)  
300V AC (mated)

**Dielectric Withstanding:** 500V AC (unmated)

**Operating Temperature:** -25°C to 85°C

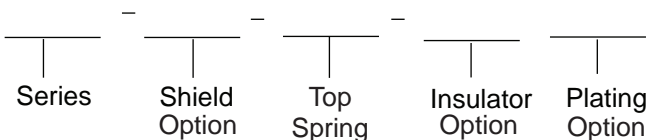
HDMI™

## KDMI42X Series

### Documentation & Ordering Information


Kycon Part #

### Part Number Builder



Series  
KDMI42X - Stacked HDMI

Shield Option  
FS2 - Through Hole Shield Tabs, Flange  
Different Length for Front and Back Tabs

Top Spring  
WS - With Top Spring

Insulator Option  
B - Black

Plating Option  
15 - 15µ" Gold

Contact Kycon for other options

### KDMI42X-FS1-WS-B15

Dimensions in mm

