LEADERSHIP in Connector Design

KYCON

KDMIX
KDMI42X Series

KDMI42X Series

Stacked HDMI (TM)

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

Ordering Information

Series – Shield Option – Top Spring – Insulator Option – Plating Option

Series
KDMI42X - Stacked HDMI

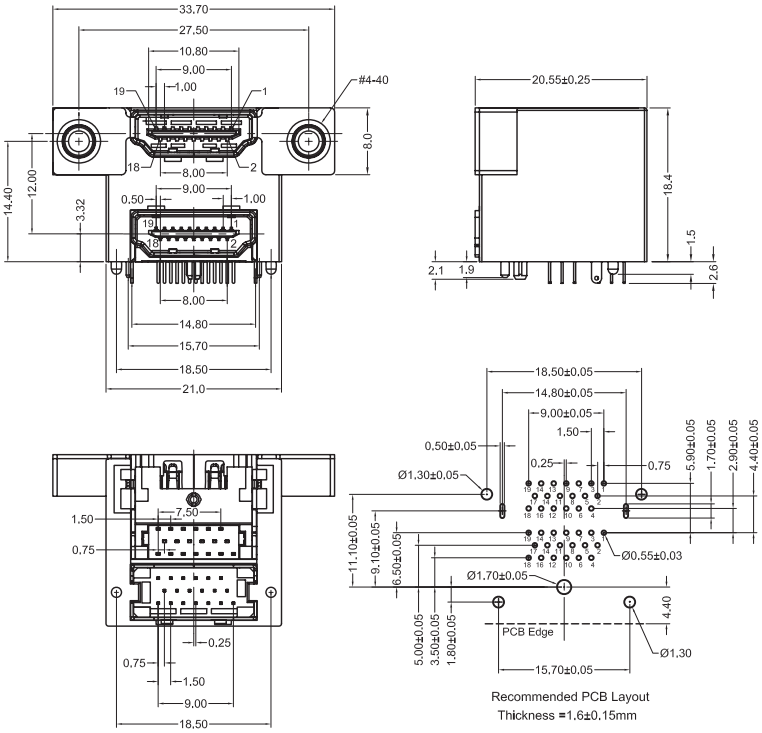
Shield Option
FS2 - Through Hole Shield Tabs,Flange
Different Length for Front and Back Tabs

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