

KDMIX Series

Vertical HDMI™

Features

- Carries up to 10.2 Gb/s of uncompressed audio and video
- Metal shields provide better ESD protection
- Provides low impedance mismatch
- 19 position receptacle
- Panel mount flange adds mechanical stability and provides additional grounding

Performance Specifications

Materials and Finish

Shell : Copper Alloy Nickel plated

Insulator : UL94V-0 Rated Thermoplastic, Color-Black

Contacts : Copper Alloy

Plating : 30µ" Gold plated over Nickel

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 (R.M.S)

Contact Current Rating : 0.5A Min.

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

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

Dielectric with standing : 500V AC (unmated)

Operating Temperature : -25°C to 85°C

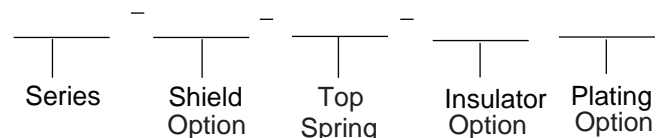
KDMIX

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Documentation & Ordering Information

Kycon Part #

Part Number Builder



Series
KDMIX

Shield Option
FS1V - Vertical SMT Shield Tabs, Flange

Top Spring
WS - With Top Spring

Insulator Option
B - Black

Plating Option
30 - 30µ" Gold

KDMIX-FS1V-WS-B30

Dimensions in mm

