



## KDMIX Series

HDMI<sup>(TM)</sup> SMT and Through Hole Shield Flange  
With/Without Top Spring

### Features

- Metal Shields Provide Better ESD Protection
- Provides Low Impedance Mismatch
- 19 Position Receptacle
- Panel Mount Flange Option 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:** Standard: 30 $\mu$ " Gold Plated over Nickel  
GF: Gold Flash

### 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)

**Rated Current:** 0.5Amps Min.

**Contact Resistance:** 10 milliohms Max.

**Insulation Resistance:** 10 Megohms Min. (mated)  
100 Megohms Min. (unmated)

**Dielectric Withstanding:** 300V AC (mated)  
500V AC (unmated)

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

HDMI<sup>(TM)</sup>

KDMIX Series

### Ordering Information



#### Series

KDMIX - HDMI<sup>(TM)</sup>

#### Shield Option

FS1 - SMT Shield Tabs, Flange

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

#### Top Spring

NS - Without Top Spring

WS - With Top Spring

#### Insulator Option

B - Black

#### Plating Option

Blank - 30 $\mu$ " Gold

GF - Gold Flash

### KDMIX-FS1-NS-B

