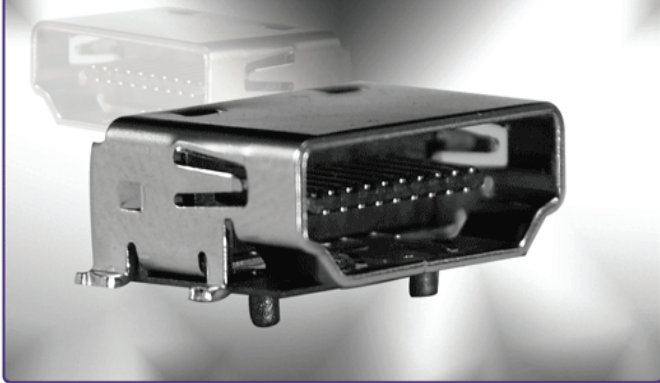


RoHS



## KDMIX Series

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



### Features

- Metal Shields Provide Better ESD Protection
- Provides Low Impedance Mismatch
- 19 Position Receptacle
- Surface Mount or Through Hole Shield Tabs

### Performance Specifications

#### Materials and Finish

**Shell:** Copper Alloy Nickel Plated

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

**Contacts:** Copper Alloy

**Plating:** Standard: 30µ" 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

**Contact Resistance:** 10 milliohms Max.

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

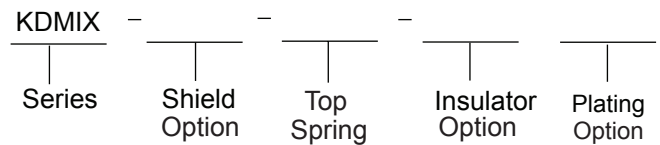
**Dielectric Withstanding:** 300V AC (mated)  
500V AC (unmated)

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

HDMI<sub>(TM)</sub>

KDMIX Series

### Ordering Information



#### Series

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

#### Shield Option

NS1 - SMT Shield Tabs

NS2 - Through Hole Shield Tabs.

Different Length for Front and Back Tabs

#### Top Spring

NS - Without Top Spring

WS - With Top Spring

#### Insulator Option

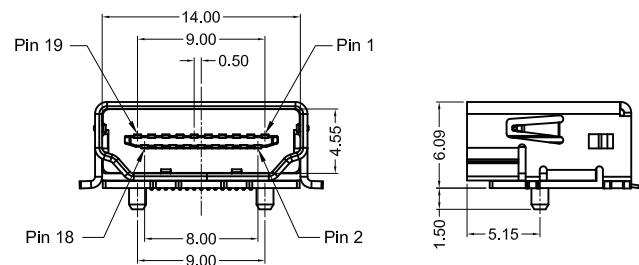
B - Black

#### Plating Option

Blank - 30µ" Gold

GF - Gold Flash

#### KDMIX-NS1-NS-B



#### KDMIX-NS2-WS-B

