



## HDMI<sup>(TM)</sup>:KMDMIX Series Mini Connector, Right Angle SMT HDMI<sup>(TM)</sup>

### Product Features

- Supports Deep Color over HDMI<sup>(TM)</sup>
- 19 Position Receptacle
- Smaller, More Compact Form Than The Traditional HDMI<sup>(TM)</sup> Counterpart
- Provides Low Impedance Mismatch

### Performance Specifications

#### Materials and Finish

##### Housing

High Temp Thermoplastic, UL94V-0 Rated, Color Black

##### Contacts

Phosphor Bronze

##### Shield

Nickel Plated

##### Plating

Standard - 30 $\mu$ m Gold in Front Contacts and Gold Flash in Solder Area

### Electrical Characteristics

#### Rated Voltage

40V AC (RMS)

#### Rated Current

0.5Amps Min.

#### Contact Resistance

10 milliohms Max.

#### Insulation Resistance

100 Megohms Min.

#### Dielectric Withstanding Voltage

500V AC RMS for 1 Min.

### Mechanical Characteristics

#### Durability

10000 Mating Cycles Min.

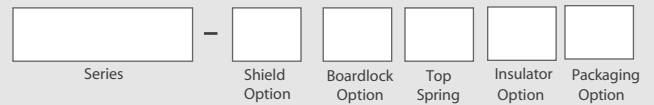
#### Operating Temperature

-25°C to +85°C

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

### Generated Part Number

### Part Number Builder



### Series

**KMDMIX** - HDMI<sup>(TM)</sup> Mini Connector

### Shield Option

**NS3** - Vertical SMT Shield Tabs, Flange

### Boardlock Option

**A** - Standard Straight



**B** - Indented



### Top Spring

**WS** - With Top Spring

### Insulator Option

**B** - Black

### Packaging Option

**TR** - Tape and Reel

Contact Kycon for Other Options

### KMDMIX-NS3

Dimensions in mm

### KMDMIX-NS3X-WS-BTR

