



## HDMI<sup>(TM)</sup>: KDMIX Series

HDMI<sup>(TM)</sup> SMT with Through Hole Shield

### Product Features

- HDMI<sup>(TM)</sup> 2.1 certified
- Backwards compatible to HDMI<sup>(TM)</sup> 1.4b
- Fully shielded to provide excellent ESD protection
- Provides Low Impedance Mismatch
- 19 Position Receptacle
- Insert Molded Contacts provide increased durability

### Performance Specifications

#### Materials and FinishShell

- Housing:** High Temp. Thermoplastic, UL94V-0 Rated, Color: Black
- Shield:** Brass, Nickel Plated
- Contacts:** Copper Alloy
- Contact Plating:** 15 $\mu$ " Gold in Contact Area, Gold Flash in Solder Area, Over Nickel Underplate

#### Electrical Characteristics

- Insulation Resistance:** 100 Mohms Min.
- Dielectric Withstanding:** 500V AC RMS for 1 Minute
- Contact Current Rating:** 0.5A Min.
- Contact Resistance:** 30 Milliohms Max.

#### Mechanical Characteristics

- Durability:** 10,000 Cycles
- Insertion Force:** 44.1N Max.
- Withdrawal Force (Initial):** 39.2N Max., 9.8N 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

<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series		Shield Option	Top Spring	Insulator Option	Plating Option	Option	Option

#### Series

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

#### Shield Option

NS2 - SMT Shield Tabs

#### Top Spring

NS - Without Top Springs

#### Insulator Option

B - Black

#### Plating Option

15 - 15 $\mu$ " Gold

#### Option

TR - Tape and Reel Packaging

#### Option

2.1 - HDMI<sup>(TM)</sup> 2.1 certified

Contact Kycon for Other Options

### KDMIX-NS2

Dimensions in mm

### KDMIX-NS2-NS-B15TR-2.1

