



## 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

