



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

HDMI<sub>(TM)</sub> SMT and Through Hole Shield Ground Flange, With Top Spring

### Product Features

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

### 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


Generated Part Number

**KDMIX-FS2-WS-B15TR-2.1**

Part Number Builder

KDMIX	-	FS2	WS	B	15	TR	2.1
Series		Shield Option	Top Spring	Insulator Option	Plating Option	Option	Option

#### Series

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

#### Shield Option

FS2 - SMT Shield Tabs

#### Top Spring

WS - With Top Springs

#### Insulator Option

□ - Black

#### Plating Option

□ - 15 $\mu$ " Gold

#### Option

TR - Tape and Reel Packaging

#### Option

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

Contact Kycon for Other Options

#### KDMIX-FS2

Dimensions in mm

#### KDMIX-FS2-WS-B15TR-2.1

