



HDMI^(TM): KDMIX Series

HDMI^(TM) SMT with Through Hole Shield

Product Features

HDMI^(TM) 2.1 certified
 Backwards compatible to HDMI^(TM) 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 Finish

Housing: High Temp. Thermoplastic,
 UL94V-0 Rated, Color: Black

Shield: Brass, Nickel Plated

Contacts: Copper Alloy

Contact Plating: 15μ" 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-NS2-NS-B15TR-2.1

Part Number Builder

KDMIX	–	NS2	NS	B	15	TR	2.1
Series		Shield Option	Top Spring	Insulator Option	Plating Option	Option	Option

Series

KDMIX- HDMI^(TM)

Shield Option

NS2 - SMT Shield Tabs

Top Spring

NS - Without Top Springs

Insulator Option

┐ - Black

Plating Option

┐ 5μ" Gold

Option

TR - Tape and Reel Packaging

Option

2.1 - HDMI^(TM) 2.1 certified

Contact Kycon for Other Options

KDMIX-NS2

Dimensions in mm

KDMIX-NS2-NS-B15TR-2.1

