



HDMI^(TM):KMDMIX Series
Mini Connector, Right Angle SMT HDMI^(TM)

Product Features

- Supports Deep Color over HDMI^(TM)
- 19 Position Receptacle
- Smaller, More Compact Form Than The Traditional HDMI^(TM) 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 - 30µ" 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**
5000 Mating Cycles Min.
- Operating Temperature**
-25°C to +85°C

Generated Part Number

KMDMIX-NS3A-WS-BTR

Part Number Builder

KMDMIX	-	NS3	A	WS	B	TR
Series		Shield Option	Boardlock Option	Top Spring	Insulator Option	Packaging Option

Series

KMDMIX - HDMI^(TM) Mini Connector

Shield Option

NS3 - Vertical SMT Shield Tabs, Flange

Boardlock Option

A - Standard Straight

Top Spring

WS - With Top Spring

Insulator Option

□ - Black

Packaging Option

□ - Tape and Reel

Contact Kycon for Other Options

KMDMIX-NS3

Dimensions in mm

KMDMIX-NS3A-WS-BTR

