

**Ordering Information**



**KDMIX Series**  
Vertical HDMI<sub>(TM)</sub>

**Features**

- Metal shields provide better ESD protection
- Provides low impedance mismatch
- 19 position receptacle
- Panel mount flange adds mechanical stability and provides additional grounding

**Performance Specifications**

**Materials and Finish**

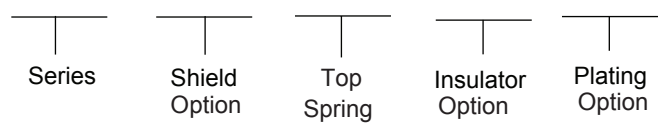
- Shell** : Copper Alloy Nickel plated
- Insulator** : UL94V-0 Rated Thermoplastic,Color-Black
- Contacts** : Copper Alloy
- Plating** : 30µ" Gold plated over Nickel on contact area.  
Tin plated over Nickel on solder tails.

**Mechanical Characteristics**

- Insertion Force** : 44.1N Max.
- Extraction Force** : 9.8N Min.,39.2N Max.
- Durability** : 10K mating cycles

**Electrical Characteristics**

- Rated Voltage** : 40V AC (RMS)
- Contact Current Rating** : 0.5Amps Min.
- Contact Resistance** : 10 milliohms Max.
- Insulation Resistance** : 10 Megohms Min. (mated)  
:100 Megohms Min. (unmated)
- Dielectric Withstanding** : 500V AC (unmated)  
: 300V AC (mated)
- Operating Temperature** : -25°C to 85°C



- Series**  
KDMIX - Vertical HDMI<sub>(TM)</sub>
- Shield Option**  
FS1V - Vertical SMT Shield Tabs,Flange
- Top Spring**  
WS - With Top Spring
- Insulator Option**  
B - Black

**KDMIX-FS1V-WS-B30**  
Dimensions in mm

