



Recommended PCB Layout
(Thickness=1.6±0.15mm)

Materials and Finish

Insulator: UL94V-0 Rated
Thermoplastic, Color- Black

Contacts: Copper Alloy
Plating: 30u" Gold Plated over Nickel
Shell: Copper Alloy
Solderable Nickel Plated

Electrical Specifications

Rated Voltage:
40V AC (R.M.S)

Contact Current Rating:
0.5A Min.

Contact Resistance:
10 milliohms Max.

Insulation Resistance:
100 Megohms Min. (unmated)
10 Megohms Min. (mated)

Dielectric Withstanding:
500V AC (unmated)
300V AC (mated)

Insertion Force:
44.1N max.

Extraction Force:
9.8N Min.
39.2N Max.

Operating Temperature:
-25°C to 85°C

Durability:
10K mating cycles

Tolerances	
X.X ± 0.35	X.XX ± 0.25

Unless Stated
Otherwise

RoHS COMPLIANT
EU Directive 2002/95/EC



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE	UNITS
A2	03/26/08	Add Options	S. Vien	H. MA	N. Chang	03/14/07	mm
A3	10/15/10	ECO #10-073	S. Vien	H. MA			
A4	02/15/12	Add Dim.	S. Vien	H. MA			
A5	11/16/12	ECO #12-066	S. Vien	P. DalCanto			
A6	04/26/13	ECO #13-018	W. Cook	P. DalCanto			
A7	07/02/13	ECO #13-051	D. Gih	P. DalCanto			

KDMIX-FS2-WS-B

HDMI Receptacle, Type A, RoHS Compliant
Top Spring and Flange, Different Length Front and Back Shield Pegs



Mouser Electronics

Authorized Distributor

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[Kycon](#):

[KDMIX-FS2-WS-B](#)