

Recommended PCB Layout
(Thickness=1.6±0.15mm)

Materials and Finish

Shell: Copper Alloy
Solderable Nickel plated
Insulator: UL94V-0 Rated
Thermoplastic, Color- Black
Contacts: Copper Alloy
Plating: Gold Flash,
30u" Gold plated over Nickel

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

Part Number	Contact Area Plating Finish
KDMIX-FS2-WS-B	30u" Gold
KDMIX-FS2-WS-BGF	Gold Flash

RoHS COMPLIANT
EU Directive 2002/95/EC

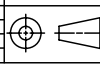
Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	4/3/07	New Drawing	E.Canoy	H. MA	N. Chang	3/14/07
A1	06/29/07	Release Drawing	R. Aguirre			
A2	03/26/08	Add Options	S. Vlen	H. MA		
A3	10/15/10	ECO #10-073	S. Vlen	H. MA		

KDMIX-FS2-WS-B

HDMI Receptade, Type A, Dip Shield, RoHS Compliant

with Top Spring and Flange, different length for front and back shield peps



UNITS
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