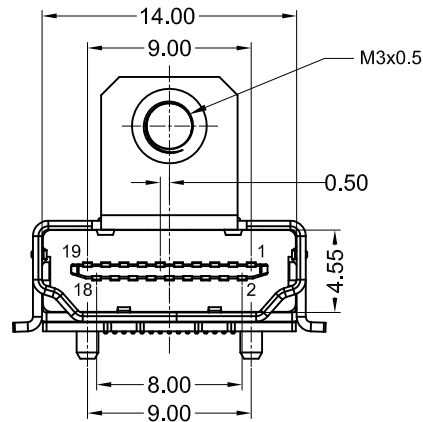
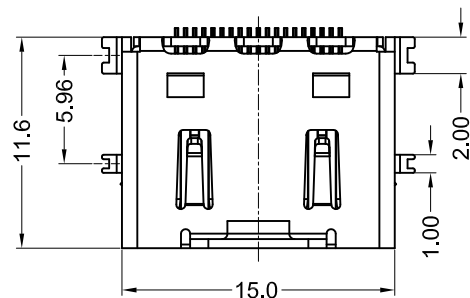
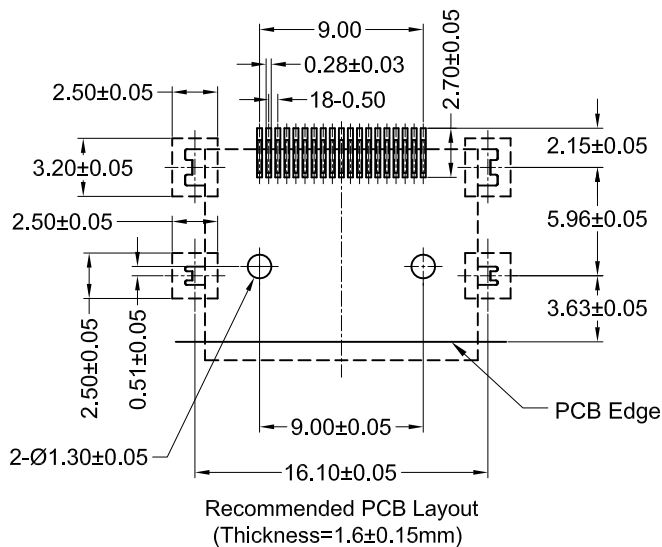
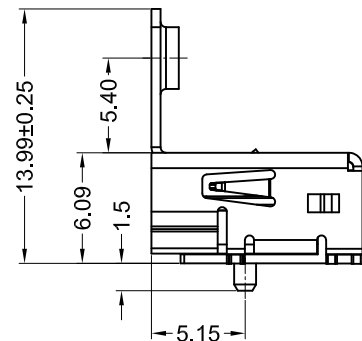
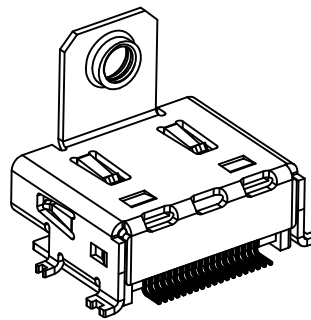


Part Number	Contact Area Plating Finish
KDMIX-FS1-WS-B	30u" Gold
KDMIX-FS1-WS-BGF	Gold Flash



Materials and Finish

Insulator: UL94V-0 Rated
Thermoplastic, Color- Black

Contacts: Copper Alloy

Plating: Gold Flash,
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

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	1/25/07
A1	06/29/07	Release Drawing	R. Aguirre			
A2	03/26/08	Add Options	S. Vien	H. MA		
A3	10/15/10	ECO #10-073	S. Vien	H. MA	mm	UNITS
A4	11/16/12	ECO #12-066	S. Vien	P. DalCanto		
A5	04/26/13	ECO #13-018	W. Cook	P. DalCanto		

KDMIX-FS1-WS-B

HDMI Receptacle, Type A, SMT Shield

Top Spring and Flange, RoHS Compliant



Mouser Electronics

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