



Material and Finish

Insulator: High Temperature,
Thermoplastic, UL94V-0 Rated
Color: Black

Contact: Copper Alloy

Plating: Gold Flash / 30u" Gold Plated
over Nickel on Contact Area and
over Nickel on Solder Tails

Shell: Copper Alloy, Nickel Plated

Electrical Specifications

Contact Current Rating:
0.5A Min.

Contact Resistance:
30 milliohms Max.

Dielectric Withstanding Voltage:
300V AC

Mechanical Specifications

Insertion Force:
44.1N max.

Extraction Force:
9.8N Min.
39.2N Max.

Durability:
10K mating cycles

Part Number	Contact Area Plating Finish
KDMIX-F1S3-WS-B	30u" Gold
KDMIX-F1S3-WS-BGF	Gold Flash

RoHS COMPLIANT
EU Directive 2002/95/EC

us
E134345

Tolerances
X.X ± 0.38
X.XX ± 0.25
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	03/31/08	New Drawing	S. Vien	H. MA	S. Vien	03/26/08
A1	7/29/08	Release Drawing	H. MA	N/A		
B1	09/05/12	ECO #12-047	S. Vien	P. DalCanto	UNITS	mm
B2	04/26/13	ECO #13-018	W. Cook	P. DalCanto		

KDMIX-F1S3-WS-B

HDMI(TM), SMT, RoHS Compliant

Long Flange, Thru Hole Shield Peg.



Mouser Electronics

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