

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

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-NS1-WS-B	30u" Gold
KDMIX-NS1-WS-BGF	Gold Flash
KDMIX-NS1-WS-BGFT	Gold Flash / Tape&Reel

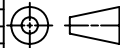
Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	4/3/07	New Drawing	E. Canoy	H. MA	N.Chang	12/6/06
A1	06/29/07	Release Drawing	R. Aguirre			
A2	03/26/08	Add Options	S. Vien	H. MA		

KDMIX-NS1-WS-B

HDMI Receptacle, Type A, SMT shield
 with Top Spring, RoHS Compliant



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