



Recommended PCB Layout
(Bottom View)

Material and Finish

Body: PBT Thermoplastic, Black
 Contacts: Copper Alloy
 Contact Plating: Gold Flash on Contacts, 120u" Tin on Termination, all over 50u" min, Nickel
 Shield: SPCC, Tin Plated

Electrical Characteristics

Contact Resistance:
 Before Test:
 Plug to Terminals: 30 Milliohms Max.
 After Test:
 Plug to Terminals: 60 Milliohms Max.
 Insulation Resistance:
 500 Megohms Min.
 Dielectric Withstanding Voltage:
 500V AC RMS For 1 Minute
 Current Rating:
 2 A at 12V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min.
 Insertion Force: 4.5kg max.
 Extraction Force: 0.5kg - 4.5kg
 Operating Temperature: -25°C to +80°C
 Recommended Screw:
 M1.6 Thread Forming Screw

Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A6	01/15/13	ECO #12-063	S. Vien	P. DalCanto	R. Aguirre	08/02/05
A7	04/22/13	ECO #13-025	D. Gih	P. DalCanto		
A8	02/17/15	ECO #15-017	H. MA	C. Furumasa		
A9	05/28/15	ECO #14-021	C. Kelleher	H. Ma	UNITS	mm
A10	11/02/18	ECO #18-054	G. Serrato	D. Shehan		
A11	04/25/19	ECO #19-040	G. Serrato	D. Shehan		

KMDGX-4S/4S-S4N1

Stacked Mini-Din, 4/4, RoHS Compliant

Fully Shielded, w/Mounting Hole, Gold Contacts

