



Material and Finish

Body: PBT Thermoplastic,
UL94V-0 Rated

Color:
Upper Socket: Pantone 3395C, Green
Lower Socket: Pantone 2715C, Purple
(To meet PC99 Spec)

Contacts: Copper Alloy
Gold Flash on Contacts,
Tin on Termination

Shield: Brass, Nickel 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 Amp at 12V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 4.5kg max.

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: -25°C to +85°C

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	9/23/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	9/23/05
A1	05/27/10	ECO #10-030	S. Vjen	H. MA		
A2	03/18/11	ECO #11-020	S. Vjen	H. MA		

KMDGX-6SG/P-S4N1

UNITS
mm

Stacked Mini-Din, 6/6, PC99, RoHS Compliant

Fully Shielded, Gold Contacts, w/Mounting Hole

