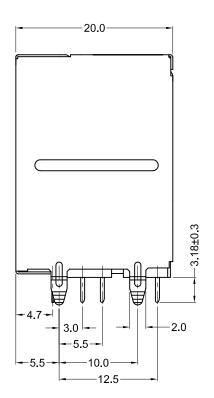
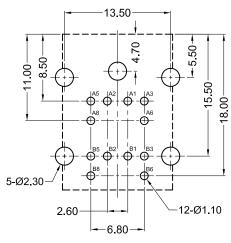


| Part Number | Contact Area Plating Finish | | |
|-------------------|-----------------------------|--|--|
| KMDGX-6S/6S-S4N | Gold Flash (Standard) | | |
| KMDGX-6S/6S-S4N15 | 15u" Gold (15 Option) | | |





Recommended PCB Layout (Bottom View)

Material and Finish

Body: PBT Thermoplastic, Black

Contacts: Copper

Contact Plating Options:

Standard: Gold Flash on Contacts,

Tin on Termination Ends

15 Option- 15u" Gold 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: 0.4kg - 3.5kg Extraction Force: 0.5kg - 4.5kg

Operating Temperature: -25°C to +80°C







Tolerances

X.X ± 0.3

X.XX ± 0.15

Unless Stated
Otherwise

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|-------------|-------------|------------|---------|
| B5 | 09/23/10 | ECO #10-064 | S. Vien | H. MA | H. MA | 7/26/04 |
| B6 | 07/18/11 | ECO #11-020 | S. Vien | H. MA | П. IVIA | 7/26/04 |
| B7 | 01/15/13 | ECO #12-063 | S. Vien | P.DalCanto | | UNITS |
| B8 | 02/17/15 | ECO #15-017 | H. MA | C. Furumasu | \bigcirc | UNITS |
| B9 | 05/28/15 | ECO #14-021 | C. Kelleher | H. Ma | | mm |
| B10 | 04/25/19 | ECO #19-040 | G. Serrato | D. Shehan | | 111111 |

KMDGX-6S/6S-S4N

Stacked Mini-Din, 6/6

Fully Shielded, RoHS Compliant

