REV.

Α7

Α8

A10

A11

A12

DATE

01/15/13

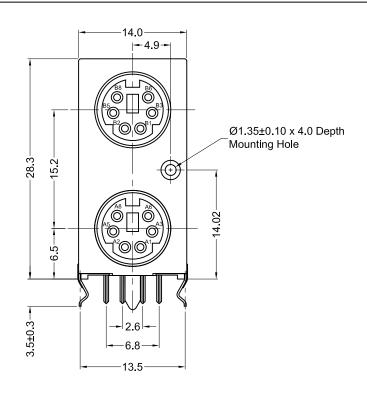
05/31/13

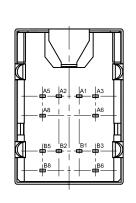
02/17/15

05/28/15

11/02/18

04/25/19





Part Number	Contact Area Plating Finish
KMDGX-6S/6S-S4N1	Gold Flash (Standard)
KMDGX-6S/6S-S4N115	15u" Gold (15 Option)

REV. BY

S. Vien

D. Gih

H. MA

C. Kelleher

G. Serrato

CHK. BY

P. DalCanto

P. DalCanto

C. Furumasu

H. Ma

D. Shehan

DRAWN BY

R. Aguirre

DESCRIPTION

ECO #12-063

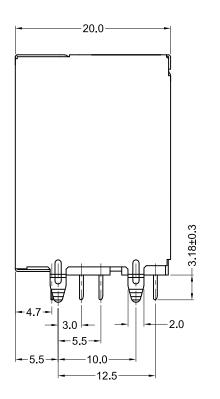
ECO #13-025

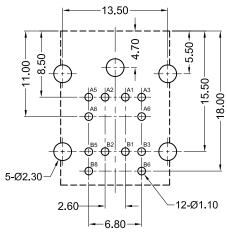
ECO #15-017

ECO #14-021

ECO #18-054

ECO #19-040





Recommended PCB Layout (Bottom View)

Material and Finish

Body: PBT Thermoplastic,

Contacts: Copper Alloy

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: 4.5kg max. Extraction Force: 0.5kg - 4.5kg

Operating Temperature: -25°C to +80°C

Recommended Screw:

M1.6 Thread Forming Screw







X.X ± 0.3 X.XX ± 0.15 Unless Stated

Otherwise

Tolerances

DATE 08/02/05 KMD

KMDGX-6S/6S-S4N1

Stacked Mini-Din, 6/6, RoHS Compliant

Fully Shielded, Gold Contacts, w/Mounting Hole

