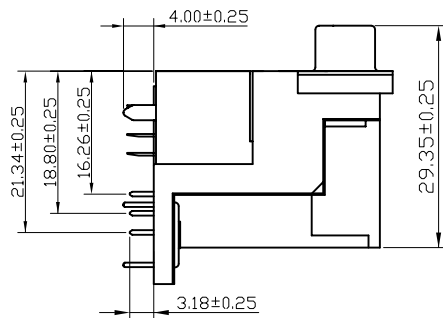
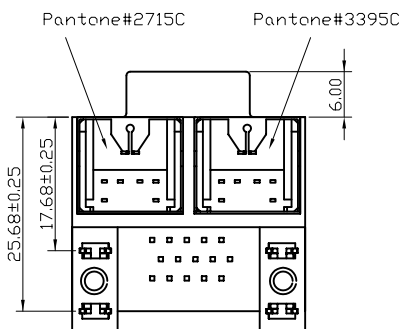


RECOMMENDED PCB LAYOUT



Mini-DIN

Material And Finish
 Body-PBT Thermoplastic,
 UL94V-0 Rated, Black
 Pc 99 colorful insulator-
 Pantone#2715C-Left
 Pantone#3395C-Right

Contacts-Phosphor Bronze
 Gold Flash on Contacts,
 Tin/Lead on Termination
 Shield-Phosphor Bronze,
 Tin Plated

Electrical Characteristics
 Contact Resistance-
 Before Test-
 Plug to Shield-50 Milliohms max.
 Plug to Terminals-30 Milliohms max.
 After Test-
 Plug to Shield-100 Milliohms max.
 Plug to Terminals-60 Milliohms max.
 Insulation Resistance
 500 Megohms Min.

Dielectric Withstanding Voltage
 500V AC RMS For 1 Minute
 Rated current
 1 Amp at 12V DC
 Mechanical Characteristics
 Durability Test-500 Cycles Min.
 Locked Retention Strength-5lbs. Min.
 Temperature
 -25 °C~+70 °C

- △ Pin #9 Recessed by 1.27mm(0.050")
- △ Blue Insulator signifies 5V capability and full feature Access Bus capability in accordance with VESA

D-Sub

Material And Finish
 Shell -Steel zinc plated or tin plated
 Board Lock-Brass strip-H tin plated
 Screw-Brass nickel plated
 △ Insulator and Bracket-
 PBT with glass-fiber reinforced
 UL-94V0,color blue
 Contact Material-
 Socket-Phosphor bronze

Duplex plated as follows:
 A-.000030[.00076]gold on mating end,
 tin-lead on termination end,
 with entire contact nickel
 B-.000015[.00038]gold on mating end,
 tin-lead on termination end,
 with entire contact nickel
 C-Gold flash on mating end,
 tin-lead on termination end,
 with entire contact nickel

Specifications
 Rated current
 5A
 Rated Voltage
 300V DC
 Withstanding Voltage
 500V(r.m.s) AC for 1 minute
 Insulation Resistance
 more than 1000M ohm at 500V DC
 Contact Resistance
 13m ohm Max
 Dielectric Strength
 1000V AC Min for 1 minute
 Temperature
 -55 °C~+105 °C



煜倫有限公司

PART NO. HDMD-FRC99-1566

DWG NO. HDMD-FRC99-1566

CHECKED BY CY

TOLERANCES ARE

DESCRIPTION:

D Subminiature , Right Angle
 Stacked Connectors & 6 pos, M

FILE NO.

DRAWING BY

.X±0.25
 .XX±0.15
 .XXX±0.08
 AWG

AREA

REVISIONS

HK

DATE

UNIT / mm

SCALE 1:1

PROJECTION

