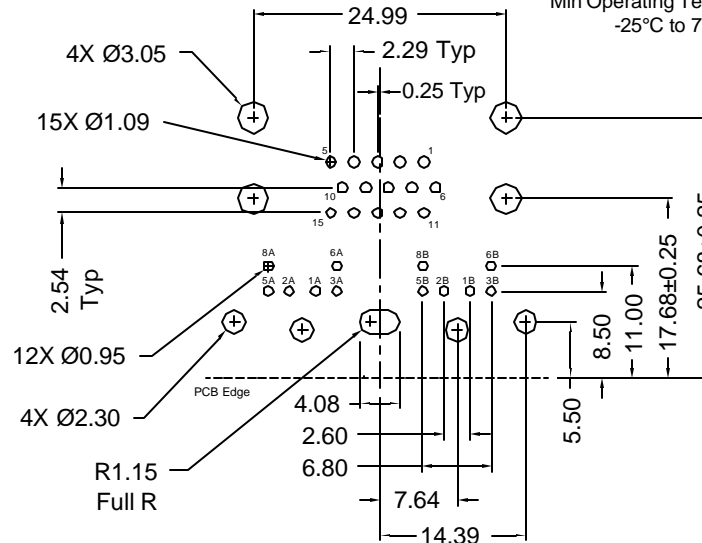
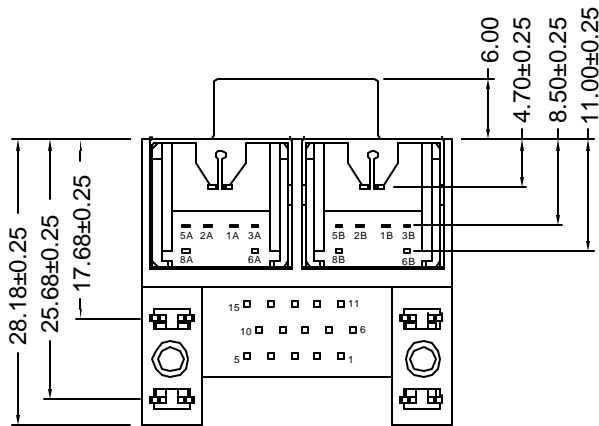
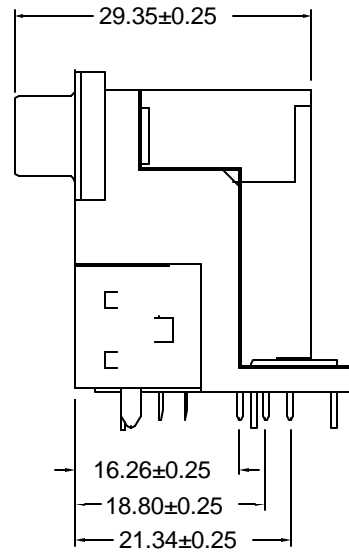


- Note:
- △ Contact #9 Recessed 0.050" [1.27mm]. Shorter contact allows last mate/first break on 5V supply voltage
 - △ VESA Blue insulator signifies 5V capability and full feature Access Bus capability in accordance with VESA



RECOMMENDED PCB LAYOUT (Top View)

Mini-DIN

Material And Finish
 Body-PBT Thermoplastic, UL 94V-0 Rated
 Contacts-Phosphor Bronze
 15u" Gold 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 For 1 Minute
 Rated current
 1 Amp at 12V DC

Mechanical Characteristics

Durability Test-500 Cycles Min
 Locked Retention Strength-5lbs
 Min Operating Temperature
 -25°C to 70°C

D-Sub

Material And Finish
 Shell -Steel Zinc plated or Tin plated
 Bracket-PBT w/ Nickel plated Brass grounding strap
 Screw-Brass Nickel plated
 Insulator-PBT with glass-fiber reinforced
 UL 94V-0 Rated

Contact Material-
 Socket-Phosphor Bronze

Duplex plated as follows:
 15 - .000015" [.00038] Gold on mating end. Tin-lead on termination end, with entire contact Nickel underplated

Electrical Characteristics

Rated current: 5A
 Withstanding Voltage
 500V AC for 1 Minute
 Insulation Resistance
 1000 Mohm at 500V DC Min
 Contact Resistance
 13 mohm Max
 Dielectric Strength
 1000V AC Min for 1 Minute
 Operating Temperature
 -55°C to 105°C

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise



PATENT # 6,302,731

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A4	12/14/01	Release DWG	K. Wallace	H. MA	mm
A5	10/28/03	Add Hole Dims	REVISED BY	REV CHCK DATE	DATE
B1	12/08/03	ECO 03-058	J. Wong	12/12/03	11/15/01

K42E15S2MD6A4N1599

Stacked D-Sub over Mini-din Sockets

15-Pos. Female over two 6-Position mini-dins, PC99

