DVI SIDE ENTRY PCB SOCKET CONNECTOR



5637 SERIES. DVI PCB socket connector.

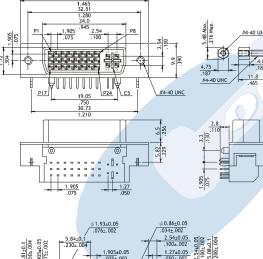
General Features

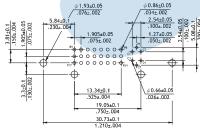
- Available in 24 circuits (DVI D digital) and
 29 circuits (DVI digital and analog)
- Contact area: selective gold plating over nickel
- Solder area: tin plating over nickel
- With board lock an different hardware options

Materials

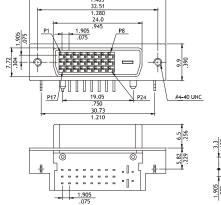
- Insulator: Glass filed Thermoplastic PBT, UL 94 V-0
- Contact: Brass
- Shell: Zinc nickel plated
- Boardlock: Brass, tin plated
- Operating temperature. -25°C to +85°C
- RoHS compliant

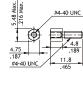
Dimension Information

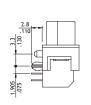




RECOMMENDED HOLE PATTERN







Electrical Features

- Voltage rating: < 40 V
- Current rating: 3 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Receptacle contact retention to housing: < 0.45 Kgf
- Plug contact retention to housing: > 4.50 Kgf
- Mating force: < 4.00 Kgf
- Unmating force: > 1.00 Kgf
- Durability: 100 Cycles



1. Connector Series

2. Plating Options

- T = 13. Selctive Gold Flash over 1.27 μ Ni.
 RECOMMENDED FINISH
- T = 15. 0.38 μ Selective Gold over 1.27 μ Ni.
- T = 16. 0.76 μ Selective Gold over 1.27 μ Ni.

3. Circuit Size

- XX = 24 contacts (Digital)
- XX = 29 contacts (Integraded D /A)

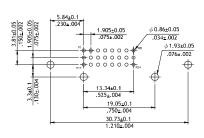
4. Hardware Options

- C = 0. Version w/o Nut and Groundig tap
- C = 1. Version with Nut 4-40 UNC and Grounding tap

5. Insulation Colour

- R = 1. White
- R = 2. Black
- \bullet R = 3. Ivory

RECOMMENDED HOLE PATTERN



A-XX FULL LINE CATALOGUE