

The 7000 Universal Range of Audio and Video Connectors employs many innovative features unique to the Deltron series. They are suitable for use in both commercial and industrial electronics applications, where reliability, simple operation and the elimination of RF and mechanical interface is necessary. Common uses include mixing desks, tape recorders, video recorders, DAT recorders and test instrumentation.

-completely interchangeable with all leading manufactures of XLRs.

-can be mounted from either the front or rear face

-HOUSING: a rugged diecasting offering full RF protection, with small industrial standard flange.

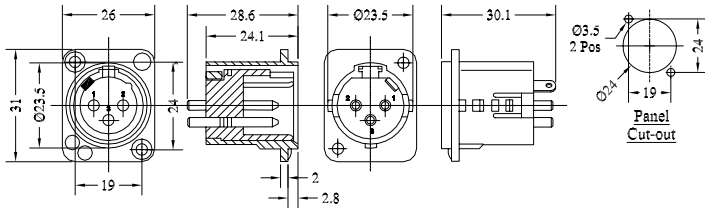
-INSERT: thermoplastic with high mechanical, thermal and electrical properties, excellent chemical resistance and dimensional stability.

-CONTACTS: precision machined in brass with generous solder buckets to accept a wide range of cable sizes.

-SHELL TO GROUND TERMINAL: silver plated straight through connection.

-CODING: a unique interchangeable system of coloured plastic buttons providing a quick and easy system of identification (when the connector is front mounted.)

Dimensions



| Deltron Part No | Silver Contacts | | Gold Contacts | |
|-----------------|-----------------|----------|---------------|----------|
| | Nickel | Black | Nickel | Black |
| 3-way | 717-0301 | 719-0301 | 723-0301 | 725-0301 |
| 4-way | 717-0401 | 719-0401 | 723-0401 | 725-0401 |
| 5way | 717-0501 | 719-0501 | 723-0501 | 725-0501 |

Mechanical Properties

| | |
|--------------------|---|
| Housing | Zinc high pressure diecast Satin nickel or black chrome |
| Contact Base | Valox DR48 UL 94V-0 |
| Contacts | Brass, 3 microns silver, anti-tarnish Finish, or 0.5 microns gold |
| Earth Tag | Spring Steel, Nickel plate 3 microns silver plate |
| Ident Buttons. | Acetal (UL 94 HB) |
| Ident. Options | Black, Blue, Orange, Red, Green Yellow, Brown, Violet, Grey, White |
| Operating Temp | -30°C to +80°C |
| Insertion Force | 20N |
| Withdrawal Force | 10N |
| Min No. Insertions | 10000 |

Electrical Properties

| | |
|---------------------------|-------------------|
| Number of Contacts | 3, 4 or 5 |
| Rated Current per Contact | 16, 10 or 7.5 AWG |
| Maximum Wire Size (solid) | 14, 14 or 14 AWG |
| Cap. Between Contacts | 2.5, 2.5 or 2.5mm |
| Rated Voltage | 4, 7 or 7pF |
| Test Voltage | 250 Volts a.c. |
| Contact resistance | 1500 Volts a.c. |
| Insulation resistance | 3 milli-Ohms |
| | 1 giga-Ohms |

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|---|---------|--|-------------|---------------------|---|---------------------|
| DrgNo 717-719-723-725-01 | | TITLE PROFESSIONAL - CHASSIS PLUG NON-LATCHING | | | ALL DIMENSIONS IN MM ANGLES IN DECIMAL DEGREES | |
| DELTRON Components | ISSUE 4 | GENERAL SPECIFICATION FOR MULTIPOLE CONNECTOR | | CUSTOMER FILTER REF | | |
| | | Aprvd Date 30/01/03 | Aprvd By MC | Drwn by BS | Scale: NTS | Sheet 1 / 1 |
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