

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 interference is necessary. Common uses include mixing desks, tape recorders, video recorders, DAT recorders and test instrumentation.

-Completely interchangeable with all leading manufacturers of XLRs.

**-HOUSING:** a rugged diecasting offering full RF protection, with a 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.

**-LATCHING:** a unique design with minimum press action offering the widest latching area for positive locking and straight through grounding.

- a short press action and compact design means minimum protrusion from the front panel.

#### Mechanical Properties

Housing

Zinc high pressure diecasting  
satin nickel or black chrome

Contact base

Valox DR48 (UL94 V-0)

Contacts

Brass, 3 microns silver  
anti-tarnish finish, or  
0.5 microns gold plate

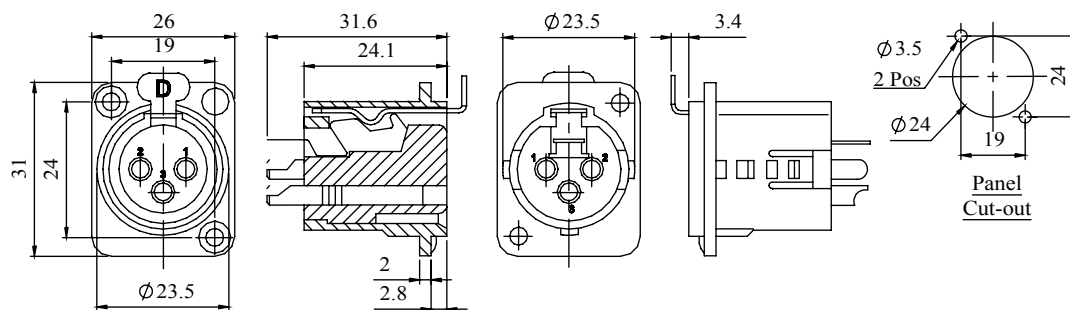
Push lever

Spring steel, nickel plate  
3 microns silver plate

Earth tag

Spring steel, nickel plate  
3 microns silver plate

#### Dimensions



Deltron Part No	Silver Contacts		Gold Contacts	
	Nickel	Black	Nickel	Black
3-Way	716-0300	718-0300	722-0300	724-0300
4-Way	716-0400	718-0400	722-0400	724-0400
5-Way	716-0500	718-0500	722-0500	724-0500

**RoHS**  
2002/95/EC  
Compliant

#### Electrical

Rated Voltage

50 V a.c.

Test Voltage

1000 V r.m.s.

Insulation Resistance

103 MΩ

After damp heat

500 MΩ

Contact Resistance

10 mΩ max

Current Rating at 40 deg C

3 pin - 15 amp

4 pin - 10

5 pin - 7.5 amp

Current Rating at 70 deg C

3 pin - 7.5 amp

4 pin - 5

5 pin - 3 amp

Terminal wire sizes

3 pin 2.5 mm<sup>2</sup> / 14 AWG

4 pin 1.5 mm<sup>2</sup> / 16 AWG

5 pin 1.0 mm<sup>2</sup> / 18 AWG

Climatic

Climatic category

25/070/04

Temperature Range

-25°C to +70°C

Damp heat, steady state

4 days

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**DEM**

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UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETRES  
LINEAR TOLERANCE:

NO DECIMAL PLACES ±0.5mm

1 DECIMAL PLACE ±0.25mm

2 DECIMAL PLACES ±0.125mm

ANGULAR TOLERANCE: ±1°

FINISH

UNIVERSAL  
CHASSIS SOCKETS

IF IN DOUBT ASK  
DO NOT SCALE DRAWING

MATERIAL

SEE NOTE

DEBURR AND BREAK  
SHARP EDGES

DRAWN BY  
APPROVED BY

THIRD ANGLE PROJECTION



SPB

WC

SHEET 1 OF 1

SCALE 1:1

A4

TITLE  
GENERAL SPECIFICATION  
MULTIPOLE CONNECTOR  
CHASSIS SOCKETS

DRAWING NO.  
716-718-722-724

ISSUE  
12

Release

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Deltron:

[716-0300](#) [722-0300](#) [724-0300](#) [718-0300](#)