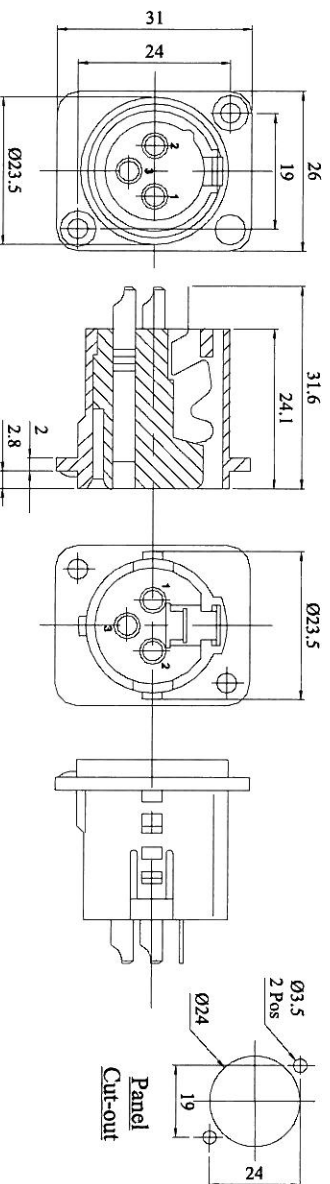


The 7000 Universal Range of Audio and Video Connectors employs many innovative features unique to the Deltron series. They are suitable for use in both commercial and industrial electronics applications, where reliability, simple operation and the elimination of RF and mechanical interference is necessary. 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: unique design with a positive line plug mating and retention, but requiring no mechanical operation to disengage: simply pull to release the plug.
- 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	716-0301	718-0301	722-0301	724-0301
4-Way	716-0401	718-0401	722-0401	724-0401
5-Way	716-0501	718-0501	722-0501	724-0501

Mechanical Properties

Housing

Zinc high pressure diecasting

Contact base

satin nickel or black chrome

Contacts

Valox DR48 (UL 94 V-0)

Earth tag

Brass, 3 microns silver

Ident buttons

anti-tarnish finish, or

Ident options

0.5 microns gold plate

Operating Temp

Spring steel, nickel plate

Insertion force

3 microns silver plate

Withdrawal force

Acetal (UL 94 HB)

Min No. insertions

Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White

Electrical Properties

-30°C to +80°C

Number of contacts

20N

Rated current per contact

10N

Maximum wire size (solid)

10,000

Cap. Between contacts

3, 4 or 5

Rated voltage

16, 10, 7.5 Amps

Test voltage

10, 13 or 14 AWG

Contact resistance

6, 3 or 2.5 mm²

Insulation resistance

4, 7 or 7 pF

Rated voltage

50 Volts ac

Contact resistance

1500 Volts ac

Insulation resistance

3m Ω

Rated voltage

1G Ω

Test voltage

3m Ω

Contact resistance

1G Ω

Insulation resistance

1G Ω

CONVERTED FROM PS0732 ISS3 (07.08.95) IN JAN 2003

DrgNo 716-718-722-724-01

TITLE CHASSIS SOCKETS NON-LATCHING

ALL DIMENSIONS IN MM
ANGLES IN DECIMAL DEGREES



ISSUE 6

GENERAL SPECIFICATION
FOR MULTIPOLE CONNECTOR

CUSTOMER

Aprvd Date 20.02.08

Aprvd By BFS

Drwn by BS

Scale: NTS

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