

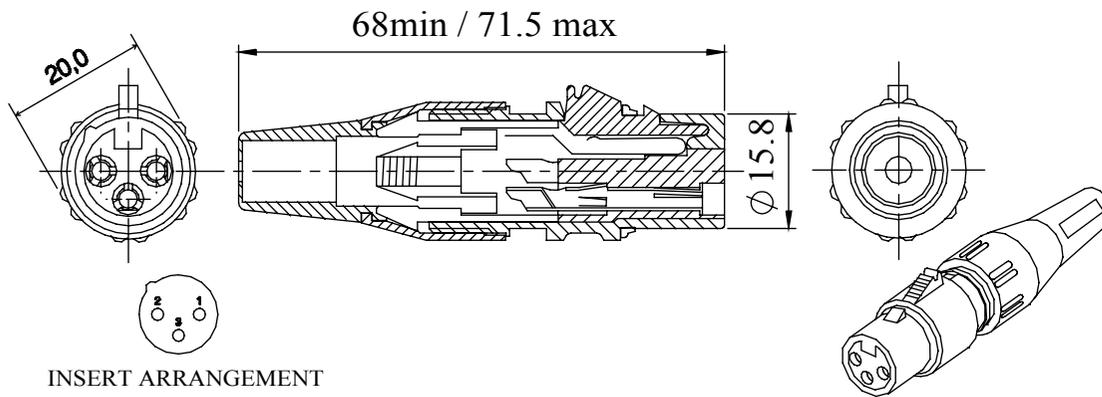
A range of audio & video connectors incorporating many innovative features. Assembly and disassembly is screw less and is achieved by a few quick turns of the back shell.

- a range of coloured plastic coding rings, each with a single number moulded in, offer a quick and easy system of channel identification.
- Internal design features allow for a quick and simple insert assembly.
- pressed socket contacts which 'float' to assist plug mating, also ensuring a positive 'wrap-round' contact with the pin, since they can 'move' with the pins should any movement occur between mating connectors.
- A single piece latch which is simple to operate, mating smoothly with both lockable and non-latching connectors.
- The strain relief collet ensures a positive cable grip.

### Mechanical Properties

Cable Retention	Chuck and Screw Collar
Cable Range	Ø 2,8mm to Ø 8,0mm
Housing	Zinc high pressure diecasting
Contact Base	Valox DR48
Contacts	Phos Bronze (pressed), 3 m silver Anti-tarnish finish, or 0,5 m gold Zinc high pressure diecasting Satin nickel or black chrome
Latch	P.V.C. (black)
Strain Relief	Santoprene (UL 94 HB)
Sealing Ring	Acetal (UL 94 HB)
Chuck	Zinc high pressure diecasting
Screw Collar	Satin nickel or black chrome
Screen	Spring Steel, 3 m silver anti-tarnish
Interchangeable	Spring-on coloured rings
Connector Ident	Acetal (UL94 HB)
Ident Options	Black, Brown, Red, Orange, Yellow, Green, Blue, Violet Grey, White

### Dimensions



Deltron Part No	Silver Contacts		Gold Contacts	
	Nickel	Black	Nickel	Black
3-Way	700-0300	708-0300	704-0300	712-0300

**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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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°



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FINISH PROFESSIONAL QUALITY  
CABLE SOCKET  
IF IN DOUBT ASK  
DO NOT SCALE DRAWING

DEBURR AND BREAK  
SHARP EDGES

DRAWN BY  
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WC

THIRD ANGLE PROJECTION

SHEET 1 OF 1

SCALE 1:1

TITLE GENERAL SPECIFICATION  
MULTIPOLE CONNECTORS  
CABLE SOCKET

DRAWING NO. 700-704-708-712 3 WAY

ISSUE 07

Release

MATERIAL SEE NOTE



A4

# Mouser Electronics

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