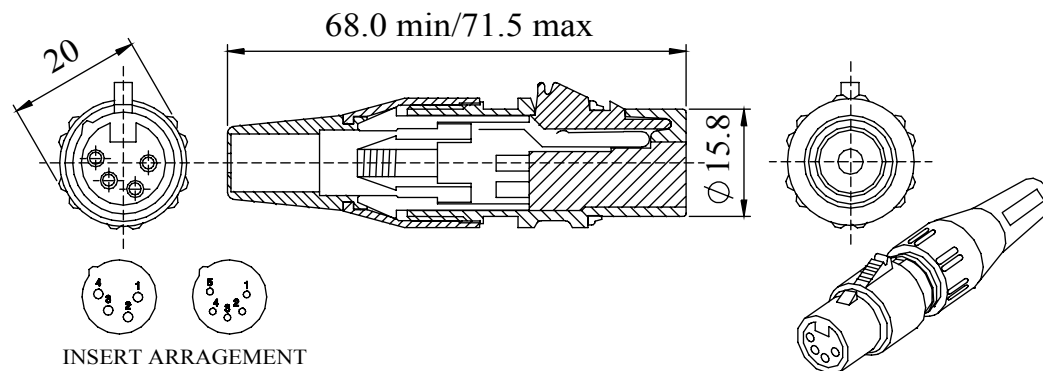


A range of audio and video connectors incorporating many innovative features.  
Assembled and disassembly is screwless and is achieved by a few quick turns of the back shell.

- 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.
- Generous solder buckets enable easier cable assembly as well as catering for larger conductive sizes.
- A range of coloured plastic coding rings is also available, each with a single number moulded in, offering a quick and easy system of channel identification.
- Internal design feature allow for a quick and simple insert assembly.

#### Dimensions



**RoHS**  
**2002/95/EC**  
**Compliant**

Deltron Part No	Silver Contacts		Gold Contacts	
	Nickel	Black	Nickel	Black
4-Way	800-0400	804-0400	802-0400	806-0400
5-Way	800-0500	804-0500	802-0500	806-0500

#### Mechanical Properties

Cable retention	Chuck and screw collar
Cable range	Ø 2.8mm to Ø 8.0mm
Housing	Zinc high pressure diecasting satin nickel or black chrome Valox DR48
Contact base	Brass, 3 microns silver anti-tarnish finish or 0.5 microns gold
Contacts	Zinc high pressure diecasting satin nickel or black chrome P.V.C. (black)
Latch	Santoprene (UL 94 HB)
Strain Relief	Acetal (UL 94 HB)
Sealing ring	polycarbonate, 10% glass-filled lexan, black
Chuck	Spring Steel, 3 microns silver anti-tarnish
Screw collar	Spring on coloured rings
Screen	Acetal (UL 94 HB)
Interchangeable	Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White
Connector ident	
Ident options	

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

Tel No. +44(0)1724 273200 Website [www.dem-uk.com](http://www.dem-uk.com)



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**DEM** Manufacturing, Deltron Emcon House  
Hargreaves Way, Sawcliffe Ind. Park,  
Scunthorpe, North Lincolnshire, DN15 8RF, UK

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 PROFESSIONAL QUALITY  
CABLE SOCKET

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**

DRAWING NO.  
800-802-804-806 4&5WAY  
ISSUE  
**06**  
Release