A RANGE OF AUDIO AND VIDEO CONNECTORS INCORPORATING MANY INNOVATIVE FEATURES. ASSEMBLY AND DISASSEMBLY IS SCREW LESS AND IS ACHIEVED BY A FEW TURNS OF THE BACK SHELL. AVAILABLE IN SATIN NICKEL OR MATT BLACK FINISH, WITH SILVER OR GOLD PLATED CONTACTS. THE STRAIN RELIEF COLLET ENSURES A POSITIVE CABLE GRIP.

GENEROUS SOLDER BUCKETS ENABLE EASIER CABLE ASSEMBLY

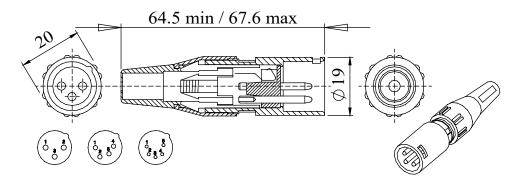
AS WELL AS CATERING FOR LARGER CONDUCTIVE SIZES.

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.

# **DIMENSIONS**



#### INSERT ARRANGEMENTS

PART No	SILVER C	ONTACT	GOLD CONTACT			
FARTINO	NICKEL	BLACK	NICKEL	BLACK		
3 WAY	701-0300	709-0300	705-0300	713-0300		
4 WAY	701-0400	709-0400	705-0400	713-0400		
5 WAY	701-0500	709-0500	705-0500	713-0500		

### MECHANICAL PROPERTIES

CABLE RETENTION CHUCK AND SCREW COLLAR

CABLE RANGE Ø 2.8mm TO Ø 8.0mm

HOUSING ZINC HIGH PRESSURE DIE-CASTING

SATIN NICKEL OR BLACK CHROME

VALOX DR48 CONTACT BASE

CONTACTS BRASS, FLASH SILVER ANTI-TARNISH

FINISH OR 0.5 MICRONS GOLD

STRAIN RELIEF P.V.C. (BLACK)

SEALING RING SANTOPRENE (UL 94 HB)

CHUCK ACETAL (UL 94 HB)

SCREW COLLAR ZINC HIGH PRESSURE DIE-CASTING

SATIN NICKEL OR BLACK CHROME

**SCREEN** SPRING STEEL, 3 MICRONS SILVER

ANTI-TARNISH

CONNECTOR IDENT ACETAL (UL 94 HB)

IDENT OPTIONS BLACK, BROWN, RED, ORANGE, YELLOW,

GREEN, BLUE, VIOLET, GREY, WHITE

INTERCHANGEABLE, SPRING ON COLOURED RINGS

## **ELECTRICAL**

RATED VOLTAGE 50 V A.C. **TEST VOLTAGE** 1000 V R.m.s. INSULATION RESISTANCE  $103 M\Omega$ AFTER DAMP HEAT 500 MΩ CONTACT RESISTANCE  $10~\text{M}\Omega~\text{MAX}$ 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 TEMPERATURE RANGE DAMP HEAT, STEADY STATE

25/070/04 -25°C TÓ +70°C

4 DAYS

DELTRON Components bes **DELTRON** Enclosures ROXBURGH EMC +44(0)1724 273200 www.dem-uk.com

DEM Manufacturing is a division of Alpha 3 Manufacturing LTD DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES LINEAR & RADIAL TOLERANCE: NO DECIMAL PLACES ±0.2mm DECIMAL PLACE ±0.1mm 2 DECIMAL PLACES ±0.05mm ANGULAR TOLERANCE: ±1°

IF IN DOUBT ASK! DO NOT SCALE DRAWING!		AUTHOR Shaun Barron			GENERAL SPECIFICATION			
ISH SEE NOTES	EDITOR		DT	7000 MULTIPOLE CONNECTOR		NNECTOR		
TERIAL SEE NOTES	APPROVE	ER	AY PART 701-705-709-713				13	
THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION		THIRD ANGLE PROJECTION	SHEET 1 OF	1	ISSUE/REV.	007	VERSION	12
			SCALE 1:1	A4	RELE	EASED	EDIT DATE	26 Feb 2018