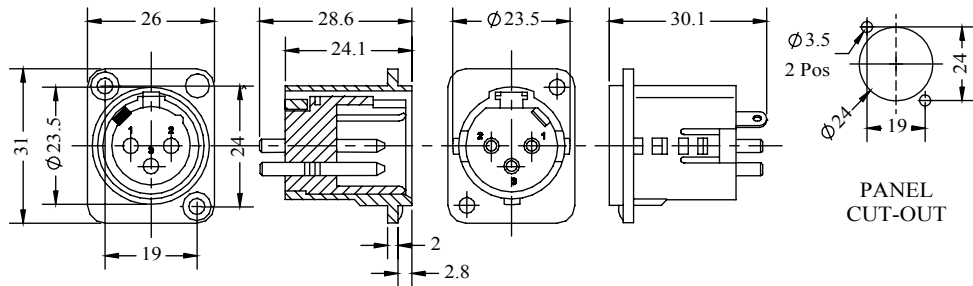


REV	1	DATE	26 Feb 2018	ECN NUMBER	C03821	ECR COMMENT	CONTACT PLATING SPEC SILVER FLASH	3	4	5	6	7
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THE 7000 UNIVERSAL RANGE OF AUDIO AND VIDEO CONNECTORS EMPLOYS MANY INNOVATIVE FEATURES UNIQUE TO THE DELTRON SERIES. THEY ARE SUITABLE FOR USE IN BOTH COMMERCIAL AND INDUSTRIAL ELECTRONIC 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.

FEATURES
 COMPLETELY INTERCHANGEABLE WITH ALL LEADING MANUFACTURES OF XLRS.
 CAN BE MOUNTED FROM EITHER THE FRONT OR REAR FACE
 HOUSING CONSISTS OF A RUGGED DIE-CASTING OFFERING FULL RF PROTECTION, WITH SMALL INDUSTRIAL STANDARD FLANGE.
 INSERT IS THERMOPLASTIC WITH HIGH MECHANICAL, THERMAL AND ELECTRICAL PROPERTIES, EXCELLENT CHEMICAL RESISTANCE AND DIMENSIONAL STABILITY.
 CONTACTS ARE PRECISION MACHINED IN BRASS WITH GENEROUS SOLDER BUCKETS TO ACCEPT A WIDE RANGE OF CABLE SIZES.
 SHELL TO GROUND TERMINAL IS SILVER PLATED, STRAIGHT THROUGH CONNECTION.

DIMENSIONS



MECHANICAL PROPERTIES

HOUSING ZINC HIGH PRESSURE DIECAST
 SATIN NICKEL OR BLACK CHROME
 CONTACT BASE VALOX DR48 (UL 94V-0)
 CONTACTS BRASS, FLASH SILVER, ANTI-TARNISH
 FINISH, OR 0.5 MICRONS GOLD PLATE
 EARTH TAG SPRING STEEL, NICKEL PLATE
 3 MICRONS SILVER PLATE

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 °C
 3 PIN - 15 AMP
 4 PIN - 10 AMP
 5 PIN - 7.5 AMP
 CURRENT RATING AT 70 °C
 3 PIN - 7.5 AMP
 4 PIN - 5 AMP
 5 PIN - 3 AMP
 TERMINAL WIRE SIZES
 3 PIN 2.5 mm² / 14 AWG
 4 PIN 1.5 mm² / 16 AWG
 5 PIN 1.0 mm² / 18 AWG

CLIMATIC

CLIMATIC CATEGORY 25/070/04
 TEMPERATURE RANGE -25°C TO +70°C
 DAMP HEAT, STEADY STATE 4 DAYS

PART No	SILVER CONTACTS		GOLD CONTACTS	
	NICKEL	BLACK	NICKEL	BLACK
3 WAY	717-0301	719-0301	723-0301	725-0301
4 WAY	717-0401	719-0401	723-0401	725-0401
5 WAY	717-0501	719-0501	723-0501	725-0501

DELTRON Components, DELTRON Enclosures, ROXBURGH EMC, bies, DEM, Alpha3 manufacturing

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETRES
 LINEAR & RADIAL TOLERANCE:
 NO DECIMAL PLACES ±0.2mm
 1 DECIMAL PLACE ±0.1mm
 2 DECIMAL PLACES ±0.05mm
 ANGULAR TOLERANCE: ±1°

IF IN DOUBT ASK! DO NOT SCALE DRAWING!
 FINISH SEE NOTES
 MATERIAL SEE NOTE
 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

AUTHOR	Shaun Barron		TITLE	GENERAL SPECIFICATION	
EDITOR	DT		FILE	717-719-723-725-01	
APPROVER	AY		PART	MULTIPOLE CONNECTOR	
THIRD ANGLE PROJECTION	SHEET 1 OF 1	ISSUE/REV.	010	VERSION	20
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