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.

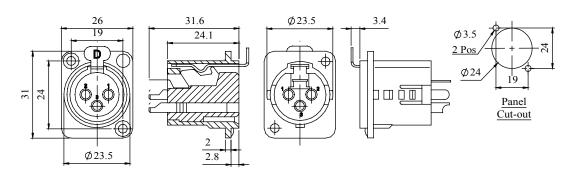
-INSERT: thermoplastic with high mechanical, thermal and electrical properties excellent chemical resistance, and dimensional stability.

-CONTACTS: precision machined in brass with generous solder buckets to accept a wide range of cable sizes.

-LATCHING: a unique design with minimum press action offering the widest latching area for positive locking ad straight through grounding.

- a short press action and compact design means minimum protraction from the front panel.

Dimensions



	Silver C	ontacts	Gold Contacts			
Deltron Part No	Nickel	Black	Nickel	Black		
3-Way	716-0300	718-0300	722-0300	724-0300		
4-Way	716-0400	718-0400	722-0400	724-0400		
5-Way	716-0500	718-0500	722-0500	724-0500		



Mechanical Properties	
Housing	Zin
	sat
Contact base	Va
Contacts	Bra
	ant
	0.5
Push lever	Sp

Temperature Range

Earth tag

nc high pressure diecasting tin nickel or black chrome alox DR48 (UL94 V-0) ass, 3 microns silver nti-tarnish finish. or 5 microns gold plate pring steel, nickel plate 3 microns silver plate Spring steel, nickel plate 3 microns silver plate

Electrical 50 V a.c. Rated Voltage Test Voltage 1000 V r.m.s. Insulation Resistance 103 MQ 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 / 14 AWG 4 pin 1.5 mm□ / 16 AWG 5 pin 1.0 mm / 18 AWG Climatic Climatic category

25/070/04 -25°C to +70°C Damp heat, steady state 4 davs

	UNLESS OTHERWISE SPECIFIED:	FINISH -	DEBURR AND BREAK	DRAWN BY	SPB	GENERAL SPECIF	ICATION
THE INFORMATION CONTINUED IN THIS DRAWING IS THE SOLE PROPERTY OF APPLA 3 MANUFACTURING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION C ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION C ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION C	DIMENSIONS ARE IN MILLIMETRES LINEAR TOLERANCE:	UNIVERSAL CHASSIS SOCKETS	SHARP EDGES	APPROVED BY	WC	MULTIPOLE CONNE	INECTOR
	NO DECIMAL PLACES ±0.5mm	IF IN DOUBT ASK		THIRD ANGLE PROJECTION	SHEET 1 OF 1	CHASSIS SOC	CKETS
bes Media DELTRON Components	1 DECIMAL PLACE ±0.25mm 2 DECIMAL PLACES ±0.125mm	DO NOT SCALE DRAWING			SCALE 1:1	DRAWING NO. 716-718-722-724	ISSUE 12
b.e.s Meaning DELTRON Enclosures DE DEM DE Hargreaves Way, Sawcliffe Ind. Park. Scunthorpe, North Lincolnshire, DN15 BRF, UK	ANGULAR TOLERANCE: ±1°	MATERIAL SEE N	OTE		A4	/10-/10-/22-/24	Release