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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	M1		REVISED PER ECO-11-004835	11MAR11	RK	HMR

Top view of the connector shell showing dimensions and features:

- R .106 TYP
- .102 TYP
- .109 TYP
- .509 MAX
- .666
- 10° O' TYP
- .125 DIA 2 HOLES
- .115
- .329
- .112 TYP
- .984
- 1.228 MAX
- 6

Front view of the connector shell showing dimensions and features:

- .238 TYP
- .229 TYP
- .043 TYP
- .020 TYP
- .075 TYP
- .030 TYP
- PIN CONTACTS (PHOSPHOR BRONZE)
- 1 2 4 5
- .086 MAX TYP
- .651 ±.015 TYP
- 19° ±2° TYP
- 1.062 REF
- 1.258 TYP ±.015
- 1.520 ±.015 TYP
- R .040 ±.015 TYP
- R .130 ±.015 TYP
- .678 MAX

VIEW OF REAR SHELL (WITH SHIELDS REMOVED)

- 5 SLOTS TO ATTACH AND ORIENT SHIELDS
- .780 MAX
- .490 MAX

Side view of the connector assembly showing dimensions and components:

- PLUG CONNECTOR 1
- INSERT: BLACK THERMOPLASTIC, 94V-0 RATED.
- SHELL: STEEL PER ASTM A109, BRIGHT TIN PLATED PER MIL-T-10727.
- .377 ±.015
- INSIDE SHIELD 3
- OUTSIDE SHIELD 3
- .395 DIA
- FERRULE (MUST BE PURCHASED SEPARATELY)

SECTION D-D  
SCALE 4:1

- 10° O' TYP REF
- R .020 TYP REF
- 91° O' TYP REF

SECTION E-E  
SCALE 4:1

- R .020 TYP REF
- R .020 TYP REF

1 PLUG CONNECTOR FULLY LOADED WITH CONTACTS. ALL OTHER PARTS SHIPPED UNASSEMBLED (EACH PART INDIVIDUALLY BULK PACKED).

2 NUMBER ON CONTACT INDICATES WIRE RANGE.

3 SHIELDS: MATERIAL—.020 THICK STEEL, TIN PLATED.

4 CONTACTS PLATED GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA. .000100—.000200 BRIGHT TIN OR BRIGHT IN TIN-LEAD IN WIRE TERMINATION AREA. .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.

5 CONTACTS PLATED GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, GOLD FLASH IN MATED AREA. .000100—.000200 BRIGHT TIN OR BRIGHT IN TIN-LEAD IN WIRE TERMINATION AREA. .000030 NICKEL UNDERPLATE ON ENTIRE CONTACT.

6 RAISED CAVITY IDENTIFICATION AND AMP TRADEMARK.

7 CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100—.000200 MATTE TIN IN WIRE TERMINATION AREA, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.  
OR  
CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH OVER PALLADIUM-NICKEL, .000030 MIN TOTAL IN MATED AREA, .000100—.000200 MATTE TIN IN WIRE TERMINATION AREA, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.

CONTACT FINISH	WIRE RANGE	PART NUMBER
7	3	#20-22 747515-8
7	2	#22-26 747515-7
5	3	#20-22 747515-6
5	2	#22-26 747515-5
4	1	#26-30 747515-4
4	3	#20-22 747515-3
4	2	#22-26 747515-2
4	1	#26-30 747515-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - DOCK5 11-16-04	TE Connectivity	
DIMENSIONS: INCHES		CHK J. GERACE 11-16-04	NAME M. WALMSLEY	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 11-16-04	PRODUCT SPEC 108-40011 & 108-40030	
0 PLC ± -		APPLICATION SPEC 114-40002		
1 PLC ± -		SIZE A2		
2 PLC ± -		CAGE CODE 00779		
3 PLC ± .005		DRAWING NO C=747515		
4 PLC ± -		RESTRICTED TO -		
ANGLES ± 0° 30'		SCALE 2:1		
MATERIAL SEE CALL-OUTS		SHEET 1 OF 1		
FINISH SEE TABLE		REV M1		
CUSTOMER DRAWING				

1471-9 (3/11)

747515

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