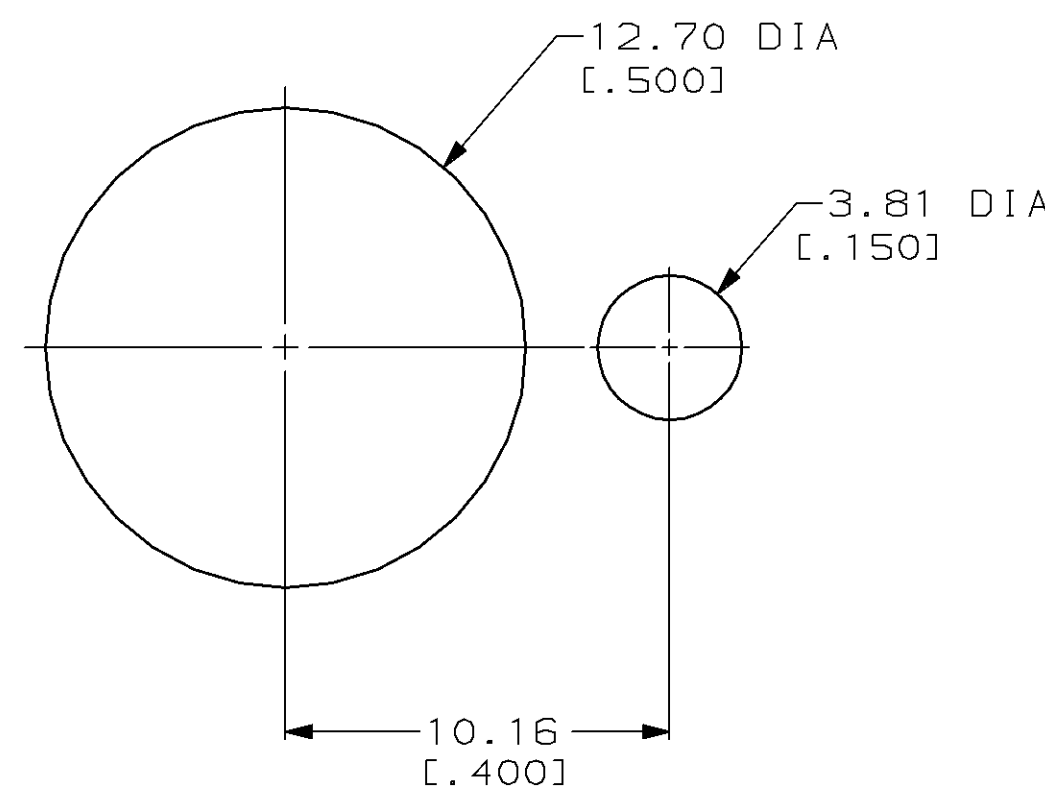
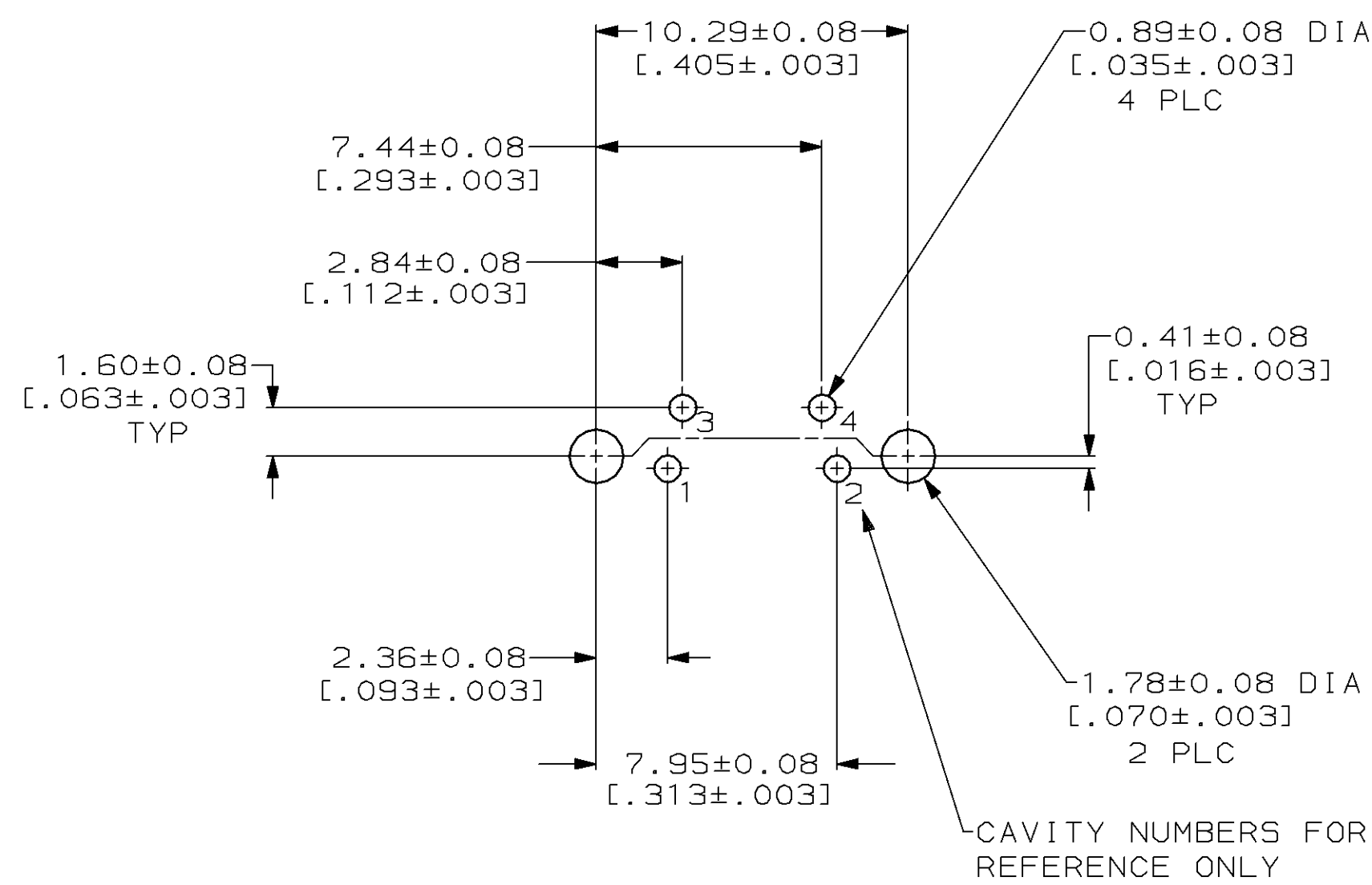




- ① SHELLS: BRASS, CONTACTS: PHOSPHOR BRONZE, HOUSING: POLYESTER, UL 94V-0 RATED, BLACK.
- ② 0.76 μm [0.000030] MIN GOLD ON MATING END FOR A LENGTH OF 1.37[.054] MIN ON INSIDE, 2.54 μm [0.000100] MIN TIN-LEAD FOR A LENGTH OF 3.30[.130] MIN FROM OPPOSITE END, ALL OVER 1.27 μm [0.000050] MIN NICKEL.
- ③ 0.38 μm [0.000015] MIN GOLD ON MATING END FOR A LENGTH OF 1.37[.054] MIN ON INSIDE, 2.54 μm [0.000100] MIN TIN-LEAD FOR A LENGTH OF 3.30[.130] MIN FROM OPPOSITE END, ALL OVER 1.27 μm [0.000050] MIN NICKEL.
- ④ 2.54 μm [0.000100] MIN TIN-LEAD OVER 1.27 μm [0.000050] MIN NICKEL.
- ⑤ GOLD PLATING PER MIL-G-45204, TIN PLATING PER MIL-T-10727, NICKEL PLATING PER QQ-N-290, COPPER PLATING PER MIL-C-14550.
6. RECEPTACLE ASSEMBLY MATES WITH 4 PIN, 8.99 $\pm$ 0.10[.354 $\pm$.004] DIAMETER PLUG.
- ⑦ 3.81 μm [0.000150] MIN TIN-LEAD OVER 2.54 μm [0.000100] MIN COPPER.



Technical drawing of the 4-PLC connector, showing front and side views with dimensions and labels.

Front View (Left):

- Overall width: 22.61 ± 0.890
- Four cavities are labeled 1, 2, 3, and 4.
- Label: "CAVITY NUMBERS REFERENCE ONLY" with arrows pointing to the cavities.
- Feature 4-40 is indicated on the right side.

Side View (Right):

- Overall height: 0.18 ± 0.007
- Internal feature dimension: 0.216 ± 0.051 [0.0085 ± 0.0020]

General Information:

- 4 PLC
- SCALE 50:1

		750319-2
OBSOLETE		750319-1
	CONTACT FINISH	PART NO

		CONTACT FINISH		PART NO	
DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON : 2 PLC DEC ± 0.13[.005] 3 PLC DEC ± - ANGLES ± -		DR 8-6-90 J MCCLINTON		AMP AMP Incorporated Harrisburg, PA 17105-3608 NAME RECEPTACLE ASSEMBLY, 4 POSN, LOW FLANGE, SHIELDED, VERTICAL, MINIATURE CIRCULAR DIN	
		CHK 9-5-90 R STONE			
		APPD 9-5-90 R WHYNE			
		APPD 9-10-90 J FULPONI			
MATERIAL △		PRODUCT SPEC -			
FINISH △ CONTACTS: SEE TABLE INNER SHELL: △ OUTER SHELL: △		APPLICATION SPEC -		SIZE D	CAGE CODE 00779
		WEIGHT -		SCALE 5:1	DRAWING NO 750319
				SHEET 1 OF 1	

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