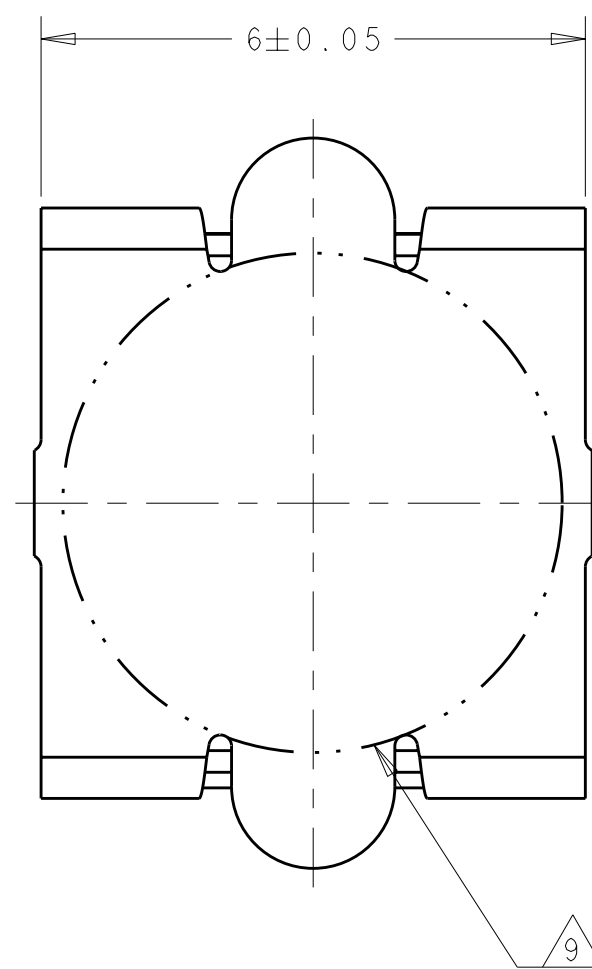




1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER COLOR: BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.

2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES
PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.

3 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE
CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE
CONNECTORS ON A PC BOARD.

4 PACKAGED IN TAPE ON REELS PER EIA-481.

5 1.4 ± 0.05 DIAMETER HOLE WHEN PLACING BY HAND.

6 SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.7
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER
OF CONNECTOR.

7 REFERRED TO AS DIM N IN EIA 700AAAB SPECIFICATION.

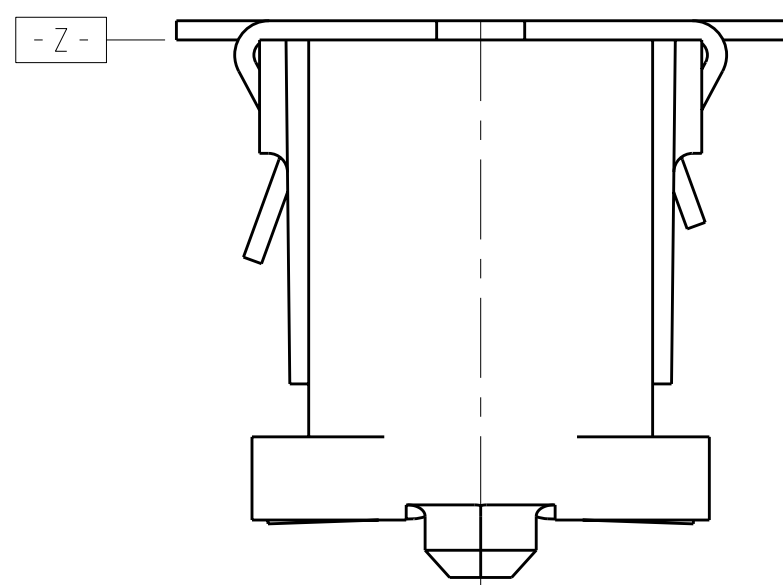
8 VACUUM COVER NOT SHOWN IN SOME VIEWS FOR CLARITY.

9 5.5 MIN DIAMETER TARGET AREA FOR VACUUM PICK-UP.

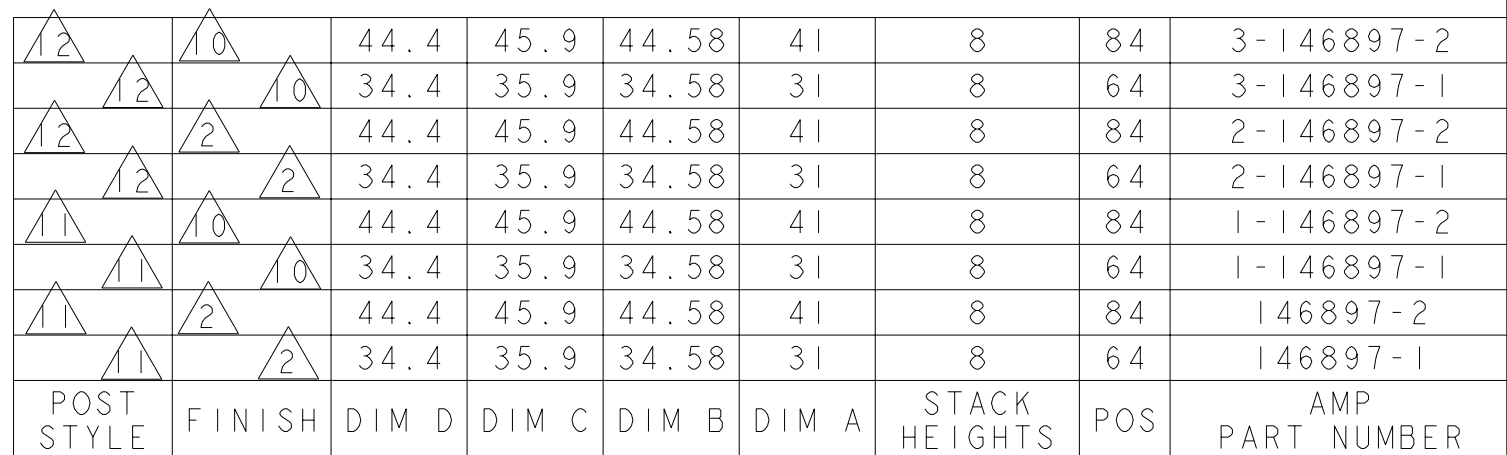
10 CONTACT FINISH: 0.00381 MINIMUM MATTE TIN-LEAD (93-7)
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.

11 SQUARE AND DIAMOND SHAPED POSTS.

12 ROUND SHAPED POSTS.



The diagram shows a cross-section of a double-acting hydraulic cylinder. It consists of a central barrel with two chambers separated by a piston. The piston is shown in the center, with a wavy line indicating its position. The left chamber is connected to a port on the left, and the right chamber is connected to a port on the right. The ports are labeled with 'P' and 'R' symbols, indicating pressure and return lines. The cylinder is shown in a simplified, schematic style.



AMP 4805 REV 31MAR2000

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