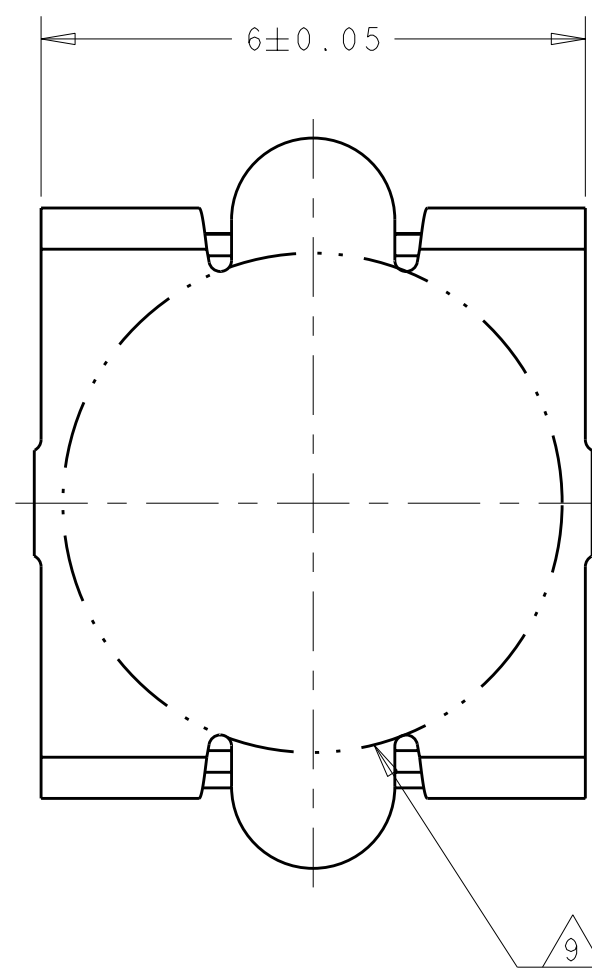




1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER COLOR: BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.

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.

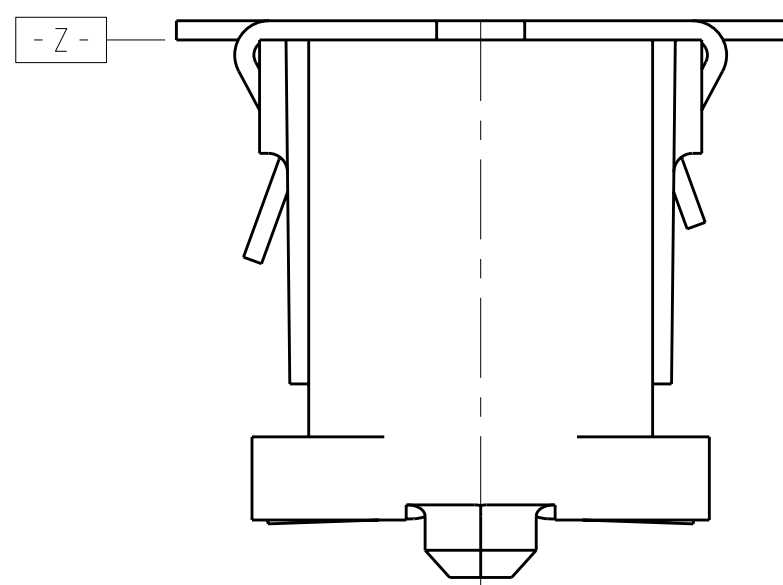
8 VACUUM COVER NOT SHOWN IN SOME VIEWS FOR CLARITY.

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

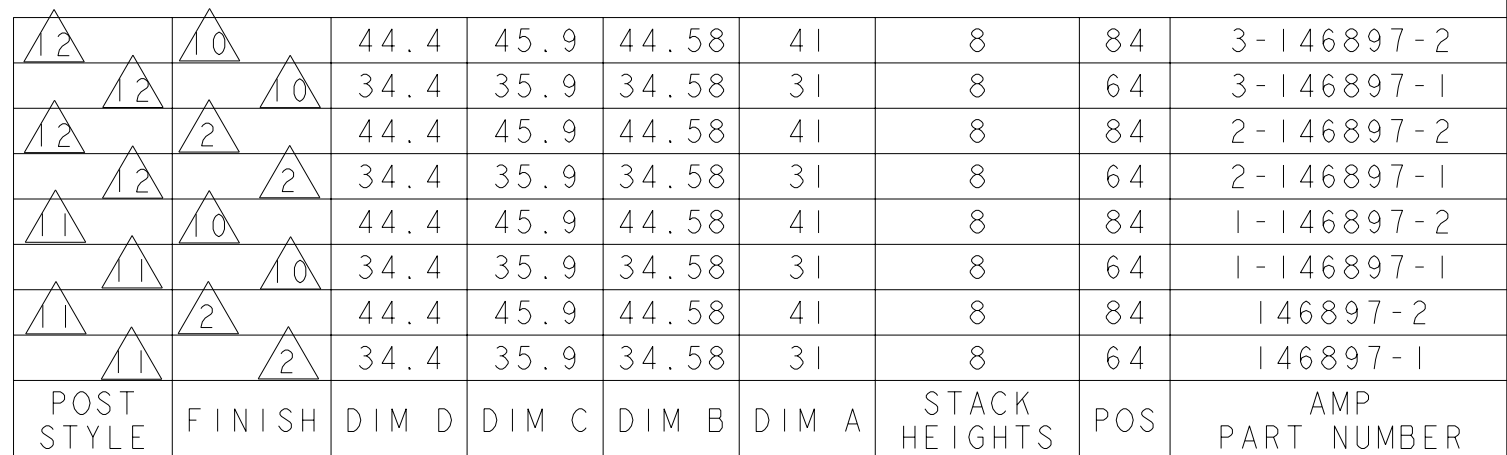
10 CONTACT FINISH: 0.00381 MINIMUM MATTE TIN-LEAD (93-7)
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.

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 internal pistons. The left piston is connected to a rod that extends to the left, and the right piston is connected to a rod that extends to the right. A wavy line in the center of the barrel indicates the transition between the two chambers. The left chamber is labeled 'A' and the right chamber is labeled 'B'. The diagram is a schematic representation of the cylinder's internal components.

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