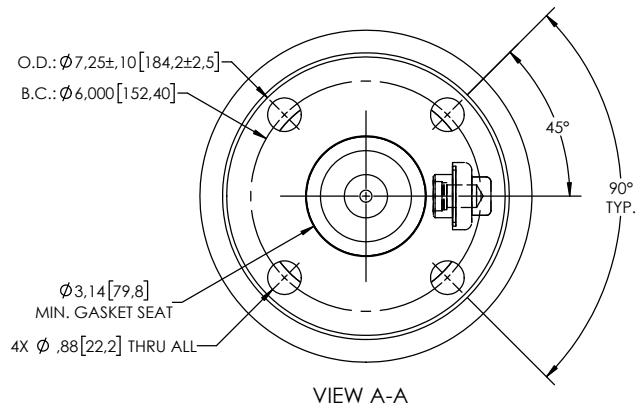
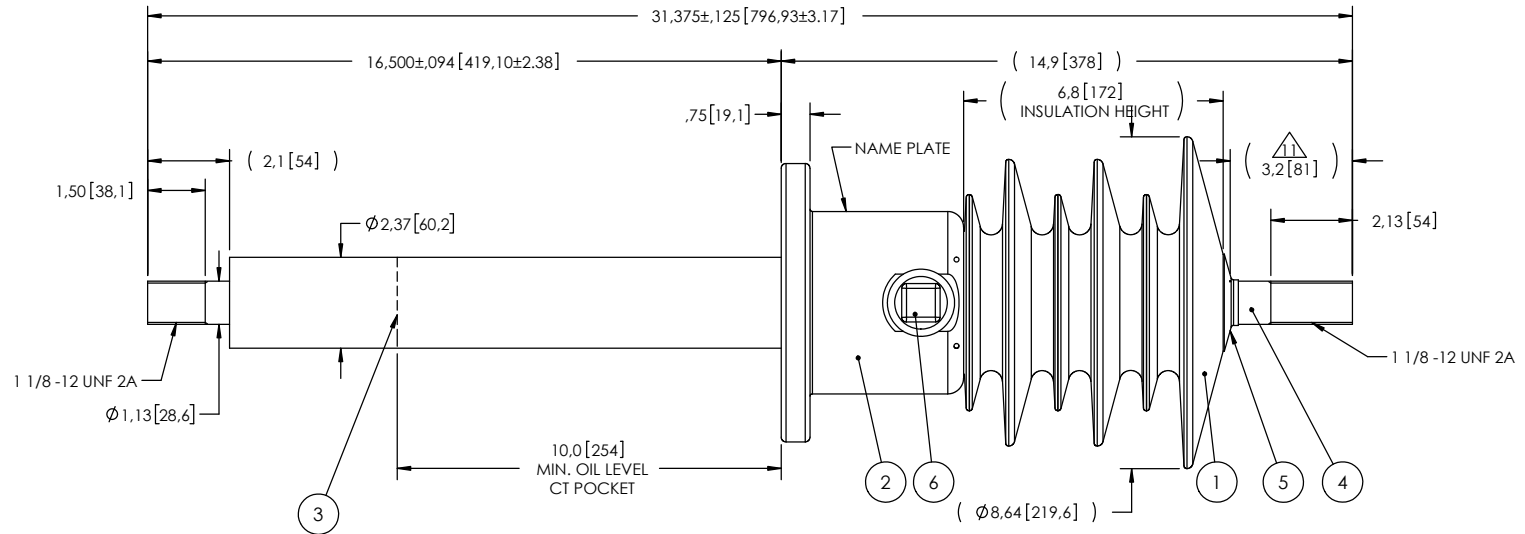


|    |                                                                                                                    |                          |
|----|--------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1  | CREEPAGE DISTANCE:                                                                                                 | 21.8" / 554mm            |
| 2  | ARC DISTANCE:                                                                                                      | 9.8" / 249mm             |
| 3  | NOMINAL VOLTAGE:                                                                                                   | 15kV                     |
| 4  | NOMINAL CURRENT:                                                                                                   | 1200A                    |
| 5  | VOLTAGE WITHSTAND, 60 sec.:                                                                                        | 50kV                     |
| 6  | BIL :                                                                                                              | 110kV                    |
| 7  | ROUTINE TEST ACCORDING TO:                                                                                         | IEEE C57.19.01           |
| 8  | MAX. TORQUE APPLIED ON FLANGE BOLTS:                                                                               | 40 lbf · ft / 54.2 N · m |
| 9  | WEIGHT:                                                                                                            | 30 lbs / 13.6 kg         |
| 10 | MAXIMUM OPERATING TEMPERATURE: 130°C                                                                               |                          |
|    | SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N,<br>NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS |                          |

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|          |     |              |          |                              |              |
|----------|-----|--------------|----------|------------------------------|--------------|
| 6        | 1   | S-1001-2022  |          | CAPACITANCE TAP ASSEMBLY     | ALUMINUM     |
| 5        | 1   | S-1081-0593  |          | CAP                          | COPPER       |
| 4        | 1   | S-4616-10165 |          | ROD ASSEMBLY                 | COPPER       |
| 3        | 1   | S-5989-5568  |          | SHIELD ASSEMBLY              | COPPER       |
| 2        | 1   | S-5989-5567  |          | FLANGE                       | ALUMINUM     |
| 1        | 1   | S-4616-10164 | -001     | CASTING CYCLOALIPHATIC RESIN | EC-APG-15NA  |
| ITEM NO. | QTY | DRAWING NO.  | PART NO. | DESCRIPTION                  | NOTE / MAT'L |

|                                                                                                                                  |  |                                                                                       |  |                                                                         |  |
|----------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|
|                                                                                                                                  |  | PARTS LIST                                                                            |  |                                                                         |  |
| GENERAL TOLERANCES<br>(UNLESS OTHERWISE SPECIFIED)                                                                               |  | REPLACE:                                                                              |  | <b>ElectroComposites™</b><br><b>solid HV bushings solution</b>          |  |
| X.           ±0.125<br>.X           ±0.094<br>.XX          ±0.063<br>.XXX       ±0.031<br>ANGLES     ±0.25°<br>RADIUS     ±0.031 |  | DRAWN BY: A.SAVARD   DATE: 2020/07/09<br>CHECK BY:<br>PROJECTING:<br>PROJECT MANAGER: |  | TITLE:<br>SDC® BUSHING 15kV, 1200A<br>MODEL: 110-012-T-248-04           |  |
| REMOVE BURRS AND<br>BREAK SHARP EDGES<br>DIMENSIONS ARE IN<br>INCHES<br>(UNLESS OTHERWISE SPECIFIED)                             |  | FORMAT: A<br>SCALE: 1:5                                                               |  | CAGE CODE:<br>DRAWING NO. S-4616-10164<br>GENERATED BY: SolidWorks 2020 |  |
|                                                                                                                                  |  |                                                                                       |  | REVISION: NR<br>SHEET 1 of 1                                            |  |