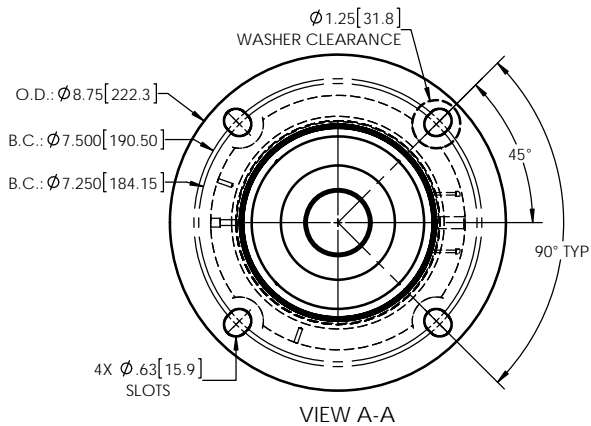
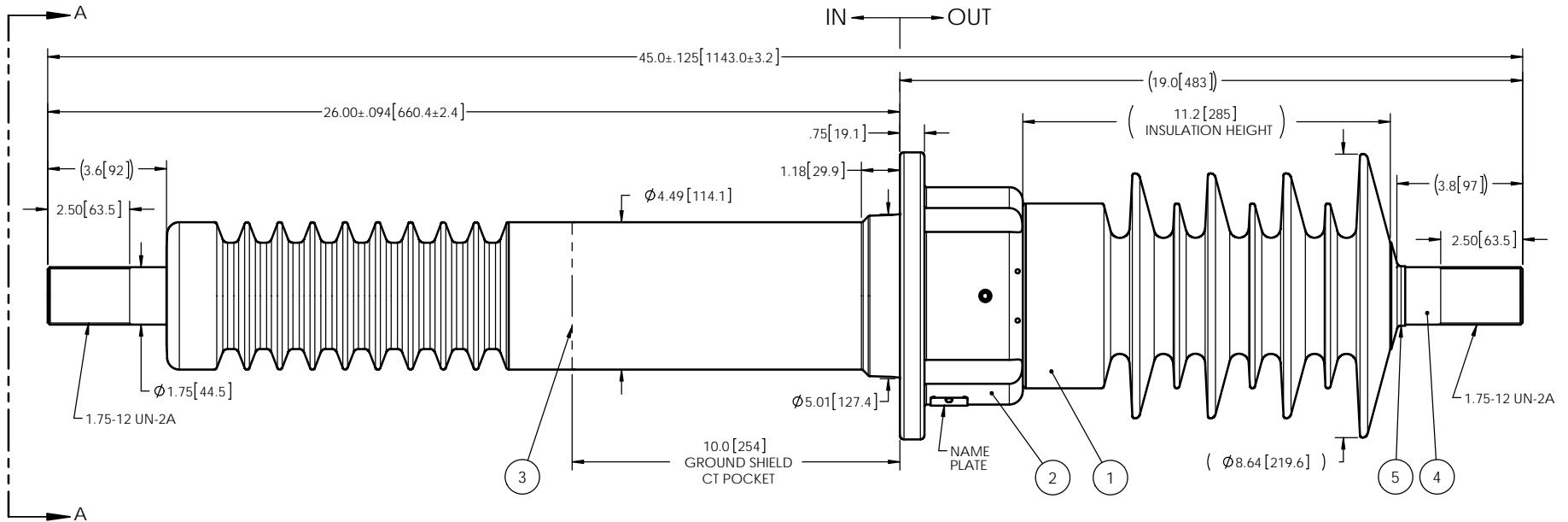


- NOTES:
- | | | | |
|---|--------------------------------------|-----------------------|-------------------|
| 1 | CREEPAGE DISTANCE: | OUT: 30.4" / 772mm | IN: 20.9" / 531mm |
| 2 | ARC DISTANCE: | OUT: 13.4" / 340mm | IN: 13.9" / 353mm |
| 3 | NOMINAL VOLTAGE: | 34.5kV | |
| 4 | NOMINAL CURRENT: | 2500A | |
| 5 | VOLTAGE WITHSTAND, 60 sec.: | 80kV | |
| 6 | BIL : | 200kV | |
| 7 | ROUTINE TEST ACCORDING TO: | IEEE C57.19.01-1991 | |
| 8 | MAX. TORQUE APPLIED ON FLANGE BOLTS: | 40 lbf. ft / 54.2 N·m | |
| 9 | WEIGHT: | 77 lb / 34.9 Kg | |

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.



ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
5	1	S-1600-0587		CAP	COPPER
4	1	S-3165-8164		ROD ASSEMBLY	COPPER
3	1	S-3165-8163		SHIELD ASSEMBLY	COPPER
2	1	S-3165-8162		FLANGE	ALUMINUM
1	1	S-3165-8161	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

PARTS LIST

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)

X.	±0.125
.X	±0.094
.XX	±0.063
.XXX	±0.010
ANGLES	±0.25°
RADIUS	±0.031

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)

DRAWN BY: J. CLICHE	DATE: 2013/11/14
CHECK BY:	
PROJECTING:	
PROJECT MANAGER:	

Electro Composites™
solid HV bushings solution

TITLE: SDC® BUSHING 34.5kV, 2500A MODEL: 200-025-W-843-00			
FORMAT: A	CAGE CODE	DRAWING NO.: S-3165-8161	REVISION: NR
SCALE: 1:5	GENERATED BY: SolidWorks 2013	SHEET: 1 of 1	

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