

| REVISION HISTORY                          | DATE         |
|---|--------------|
| DRAWING / DESIGN CREATED                  | 01-30-95 JRC |
| REDESIGNED, COMPRESSION RATING WAS 90,000 | 01-27-03 JRC |

**LAPP**  
**INSULATOR COMPANY**  
 LEROY, N.Y. 14482  
 (585) 768-6221  
**SUBSTATION DIVISION**

BASE PART NUMBER  
**315173 (SERIES)**  
 (SEE TABLE FOR VERSIONS)  
 TITLE  
**STATION POST ASSEMBLY**  
 REF. TECHNICAL REFERENCE No. TR-173

**DIMENSIONS**  
 LEAKAGE DISTANCE, in. (mm) **99 (2515)**

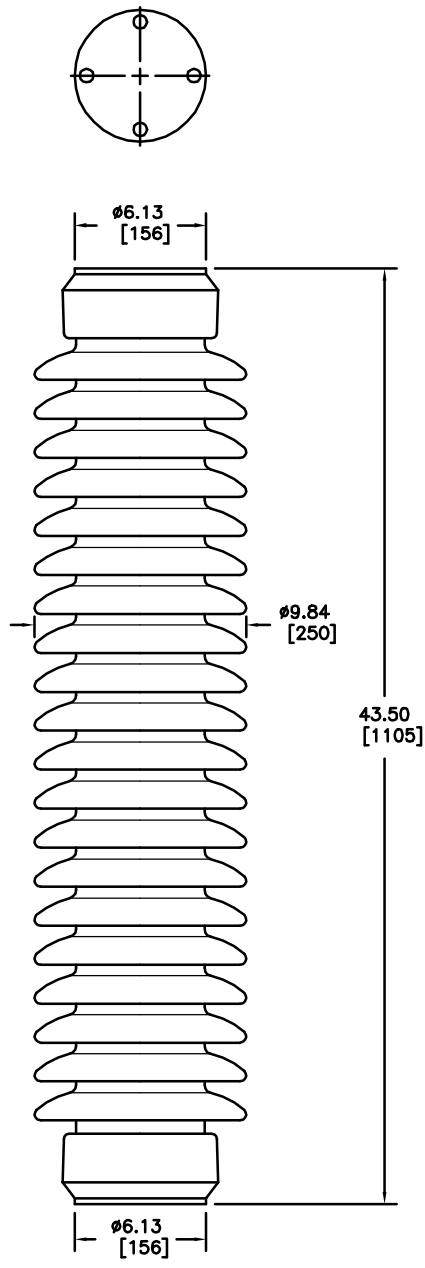
**MECHANICAL VALUES**  
 CANTILEVER STRENGTH, lb. (kN) **2900 (12.9)**  
 TENSION STRENGTH, lb. (kN) **25000 (111.2)**  
 TORSION STRENGTH, in-lb. (kNm) **90000 (10.2)**  
 COMPRESSION STRENGTH, lb. (kN) **75000 (333.6)**

**ELECTRICAL VALUES**  
 CRITICAL IMPULSE FLASHOVER, POS., kV. **610**  
 LOW FREQUENCY WET WITHSTAND, kV. **230**  
 IMPULSE WITHSTAND, kV. **550**

**RADIO INFLUENCE VOLTAGE**  
 TEST VOLTAGE, RMS TO GROUND, kV. **73**  
 MAXIMUM RIV - MICROVOLTS AT 1000 kHz **200**

- NOTES:**
1. DIMENSIONS ARE IN INCHES [MILLIMETERS]
  2. ALL FERROUS PARTS ARE HOT DIP GALV. PER ASTM A153

| ASSEMBLY    | GLAZE COLOR      |
|-------------|------------------|
| J-315173    | CHOCOLATE        |
| J-315173-70 | LIGHT GRAY No.70 |



4 TAPPED HOLES  
 5/8-11 +.015 OVERSIZE  
 .69 [17] FULL THREAD  
 ON 5.00 [127] B.C.  
 BOTH ENDS

NOTE TO PURCHASER  
 ALL SALES OF LAPP PRODUCTS ARE  
 SUBJECT TO OUR STANDARD TERMS  
 AND CONDITIONS AND THE LIMITED  
 WARRANTIES THEREUNDER.