

**TECHNICAL CHARACTERISTICS:**



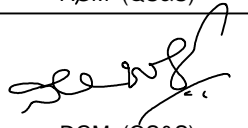
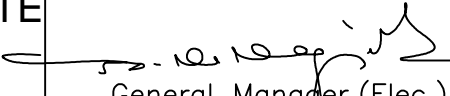
| DIMENSIONS:                   |       |
|-------------------------------|-------|
| 1. CREEPAGE DISTANCE(MINIMUM) | 320mm |
| 2. ARCING(MINIMUM)            | 167mm |
| 3. No OF 95mm SHEDS           | 3     |

| MECHANICAL CHARACTERISTICS: |     |
|-----------------------------|-----|
| 1. MIN FAILING LOAD         | 5kN |

| ELECTRICAL CHARACTERISTICS:                       |           |
|---|-----------|
| 1. NOMINAL SYSTEM VOLTAGE                         | 11KV      |
| 2. HIGHEST SYSTEM VOLTAGE                         | 12KV      |
| 3. SYSTEM FREQUENCY                               | 50HZ      |
| 4. WET 1 MINUTE POWER FREQUENCY WITHSTAND VOLTAGE | 35kV(rms) |
| 5. DRY 1 MINUTE POWER FREQUENCY WITHSTAND VOLTAGE | 40kV(rms) |
| 6. DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE        | 75kVp     |
| 7. VISIBLE DISCHARGE TEST VOLTAGE                 | 9kV(rms)  |

| NOTES:                                     |               |
|--|---------------|
| 1. INSULATOR CONFORMS TO IEC: 61109-2008   | IS: 2488-1974 |
| 2. GALVANISATION CONFORMS TO IS: 2679-1985 |               |

| ITEM | DESCRIPTION          | MATERIAL        | QTY  | REMARKS |
|------|----------------------|-----------------|------|---------|
| 1    | TOP METAL FITTING    | SGCI/FORGED     | 1 NO | HDG     |
| 2    | CORE ROD             | FIBERGLASS      | 1 NO | 24mmφ   |
| 3    | POLYMER HOUSING      | SILICONE RUBBER | -    |         |
| 4    | BOTTOM METAL FITTING | SGCI/FORGED     | 1 NO | HDG     |

|              | Signatures  | All dimensions are in mm unless otherwise stated. | <br><b>BESCOM</b>                    |
|--------------|---|---|---|
| Chd          | <br>AGM (QS&S) | <b>11kV 5KN COMPOSITE<br/>PIN INSULATOR</b>       | Approved:   |
| Sub          | <br>DGM (QS&S) |   | <br>General Manager, (Elec.)<br>QS&S |
| SCALE: N.T.S |   |   | DRG.NO.BESCOM/GM/QS&S/28<br>REV-002 DATED:24-11-2018  |