



[Signature]
 Chief Engineer (Material)
 PGVCL, Corporate Office
 Rajkot.

- (1) Bottom End Metal Fitting
- (2) Silicon Housing
- (3) FRP Rod
- (4) Top End Metal Fitting

NOTE: TOLERANCE AS PER IS: 81109

- MECHANICAL FATIGUE LOAD (MIN.)
- RATED VOLTAGE
- NUMBER OF SHEDS
- DRY ARCHING DISTANCE
- MIN. CREEPAGE DISTANCE
- TOP FITTINGS
- BOTTOM FITTING
- FRP ROD DIA.
- OUTER DIA. OF FRP ROD WITH SHEATH
- LENGTH OF FRP ROD
- HIGHEST SYSTEM VOLTAGE
- DRY POWER FREQUENCY WITHSTAND VOLTAGE
- WET POWER FREQUENCY WITHSTAND VOLTAGE
- DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE
- VISIBLE DISCHARGE VOLTAGE
- APPLICABLE STANDARD
- DIA. OF WEATHER SHED
- WEIGHT OF INSULATOR

- : 5 KN (SHL)
- : 11KV
- : 3 (MIN.)
- : ≥ 165 mm (MIN.)
- : ≥ 340 mm (MIN.)
- : SGL/MCL/FORGED STEEL
- : FORGED STEEL SINGLE PIECE ONLY
- : ≥ 21.7 mm
- : 27.7 mm (MIN.)
- : 200 mm (MIN.)
- : 12 KV
- : ≥ 70 KV
- : ≥ 45 KV
- : ≥ 110 KV
- : 9 KV
- : IEC 61109-2008 (With Amendment, if any)
- : ≥ 90 mm
- : 1.2 KG (APPROX.)

APPROVED BY:		
SCALE:	All Dimensions As to P&E	
TITLE: 11 KV, 5KN PIN TYPE COMPOSITE (POLYMER) INSULATOR		
DIAG NO. : 11KV/5KN-320CD-PIN/Polymer		