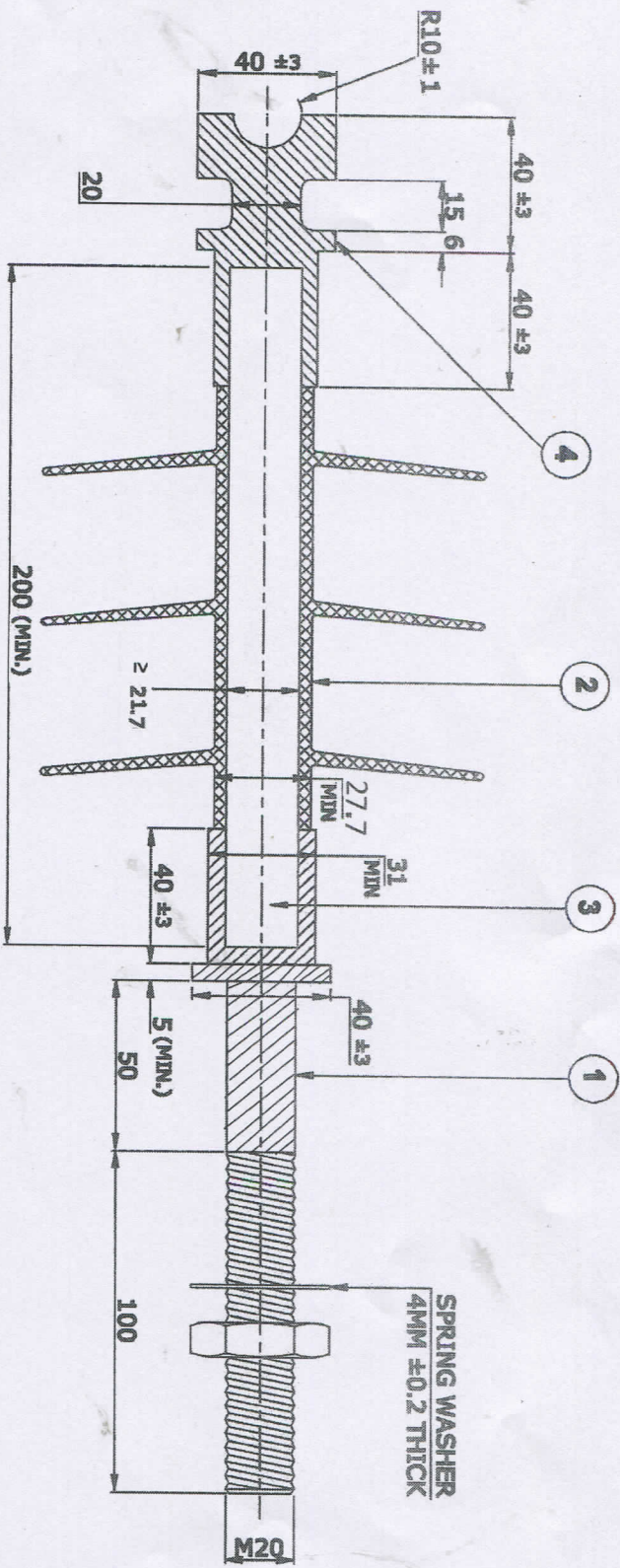


11KV, 5KN, 340 Creepage Distance, PIN Type Composite (Polymer) Insulator



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

NOTE: TOLERANCE AS PER IS: 61100

MECHANICAL FAILING LOAD (MIN.)
 : 5 KN (SML)
 : 11KV

RATED VOLTAGE
 : 3 (MIN.)

NUMBER OF SHEDS
 : ≥ 165 mm (MIN.)

DRY ARCHING DISTANCE
 : ≥ 340 mm (MIN.)

MIN. CREEPAGE DISTANCE
 : SGI / MCI / FORGED STEEL

TOP FITTINGS
 : FORGED STEEL SINGLE PIECE ONLY

BOTTOM FITTING
 : ≥ 21.7 mm

FRP ROD DIA.
 : 27.7 mm (MIN.)

LENGTH OF FRP ROD WITH SHEATH
 : 200 mm (MIN.)

HIGHEST SYSTEM VOLTAGE
 : 12 KV

DRY POWER FREQUENCY WITHSTAND VOLTAGE
 : ≥ 70 KV

WET POWER FREQUENCY WITHSTAND VOLTAGE
 : ≥ 45 KV

DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE
 : ≥ 110 KV

VISIBLE DISCHARGE VOLTAGE
 : 9 KV

APPLICABLE STANDARD
 : IEC 61109-2008 (With Amendment, if any)

DIA. OF WEATHER SHED
 : ≥ 90 mm

WEIGHT OF INSULATOR
 : 1.2 KG (APPROX.)

TITLE: 11 KV, 5KN PIN TYPE COMPOSITE (POLYMER) INSULATOR		SCALE: All Dimensions Are In mm.		APPROVED BY:
				Approved By Superintending Engineer (P) UGVCL : RO : Mehsana
DRG NO.: 11KV/5KN-320CD-PIN/Polymer				