

IN (MM)

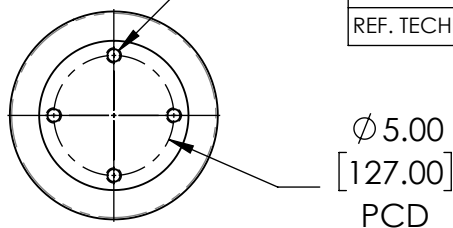
PART: NPSCG308-7001

DRAWING NUMBER: 214-C-323

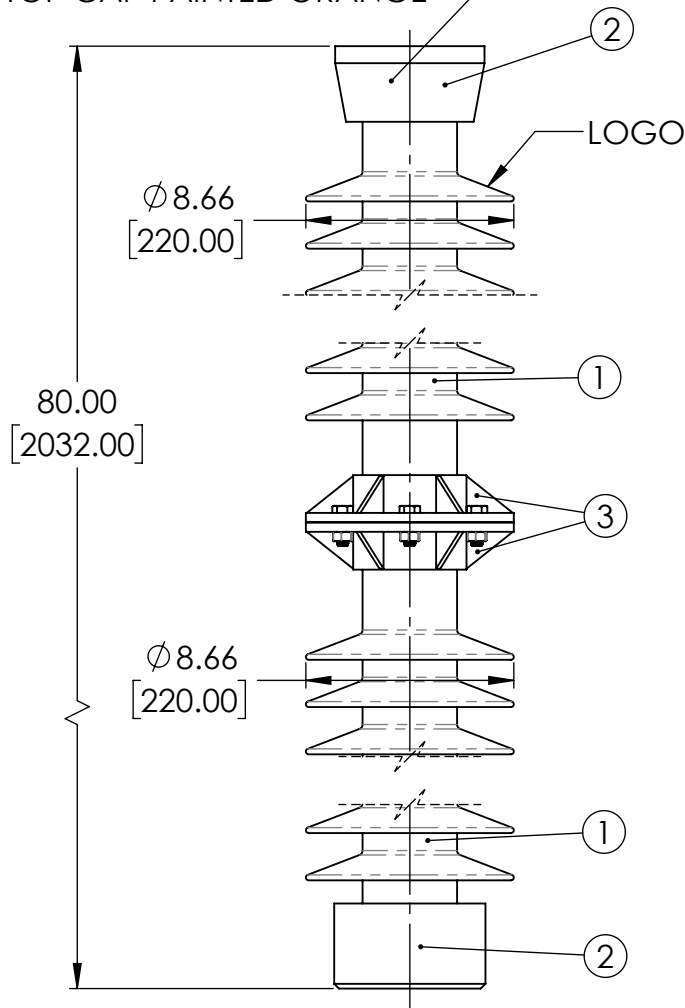
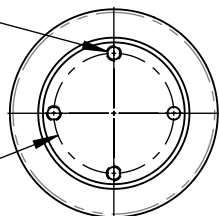
TITLE:

SCG STATION POST INSULATOR-900KV BIL

REF. TECHNICAL REFERENCE: TR-308

4X 5/8-11 UNC ∇ 0.87 [22.00]
(0.015" oversize)

TOP CAP PAINTED ORANGE

4X 5/8-11 UNC
 ∇ 0.87 [22.00]
(0.015" oversize) ∇ 5.00
[127.00]
PCD

TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	1450 (6.45)
TENSION STRENGTH, lbs (kN)	25000 (111)
TORSION STRENGTH, in-lbs (kN*m)	90000(10.2)
COMPRESSION STRENGTH, lbs (kN)	90000 (400)

ELECTRICAL RATINGS

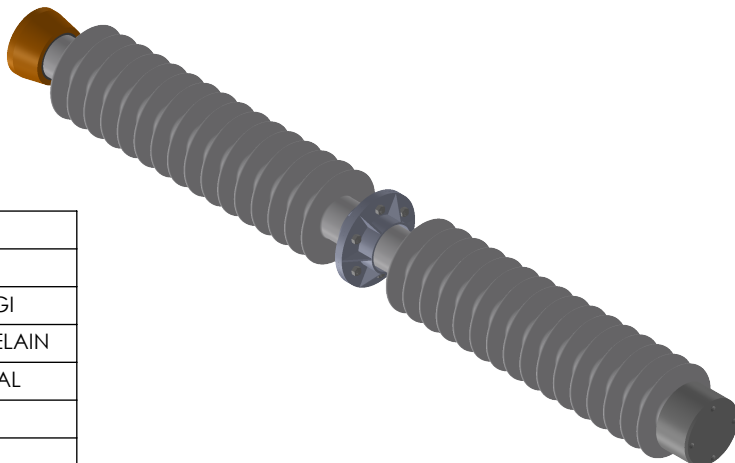
IMPULSE WITHSTAND VOLTAGE, kV	900
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	1010
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	385
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	146
MAX. RIV AT 1000kHz, μ V	500

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	165(4195)
UNIT HEIGHT, in (mm)	80(2032)
NET WEIGHT, lbs (kg)	273(124)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & IEC:60168,273 & IS:2544,5350



NO.	DESCRIPTION	REMARK	QTY	MATERIAL
2&3	CAPS & FLANGE	HOT DIP GALV.	4	MCI/SGI
1	INSULATOR BODY	SCG GRAY GLAZE	2	AL. PORCELAIN
DESIGNED		M.ANUVADIYA	27-02-2023	
DRAWN		M.ANUVADIYA	27-02-2023	
CHECKED		S.RAMANI	27-02-2023	
APPROVED		S.RAMANI	27-02-2023	

REF: 214-C-323

DWG. TYPE: SALES