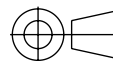


4X 1/2-13 UNC ∇ 0.59 [15.00]
(0.015" oversize)



IN (MM)

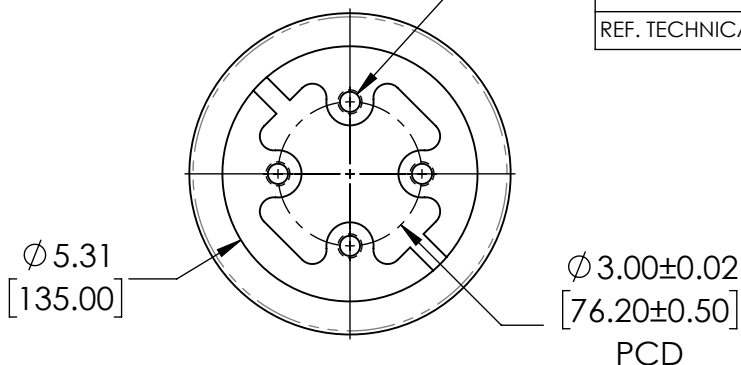
PART: NPSCG214-7001

DRAWING NUMBER: 214-C-1336

TITLE:

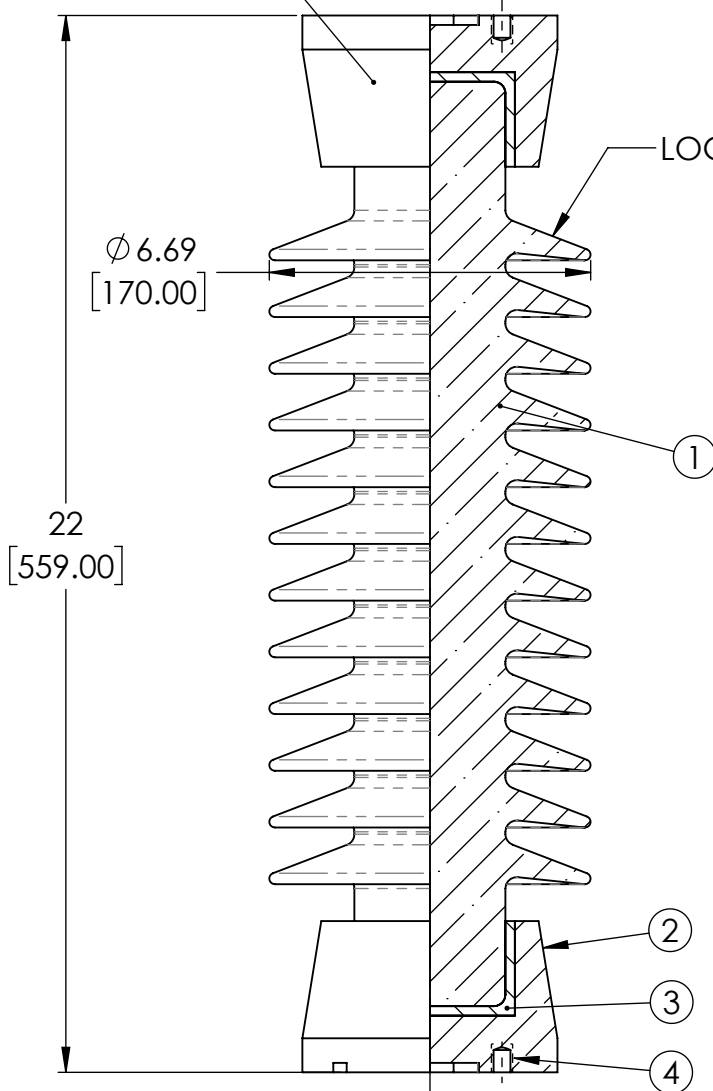
SCG STATION POST INSULATOR-250 KV BIL

REF. TECHNICAL REFERENCE: TR-214



TOP CAP PAINTED
ORANGE

LOGO



TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	2000 (8.9)
TENSION STRENGTH, lbs (kN)	14000 (62)
TORSION STRENGTH, in-lbs (kN*m)	12000(1.4)
COMPRESSION STRENGTH, lbs (kN)	15000 (66.7)

ELECTRICAL RATINGS

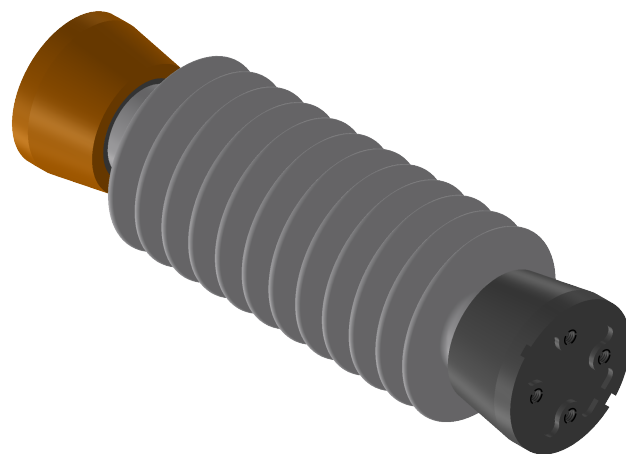
IMPULSE WITHSTAND VOLTAGE, kV	250
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	280
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	100
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	30
MAX. RIV AT 1000kHz , μ V	200

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	43(1095)
UNIT HEIGHT, in (mm)	22(559)
NET WEIGHT, lbs (kg)	50(22.7)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & IEC:60168,273 & IS:2544, 5350



4	CUSHION	-	2-4	ASPHALT FELT
3	CEMENT	-		-
2	CAP	HOT DIP GALV.	2	MCI/SGI
1	INSULATOR BODY	SCG GRAY GLAZE	1	PORCELAIN
NO.	DESCRIPTION	REMARK	QTY	MATERIAL
	DESIGNED	M.ANUVADIYA	2023-02-27	
	DRAWN	M.ANUVADIYA	2023-02-27	
	CHECKED	S.RAMANI	2023-02-27	
	APPROVED	S.RAMANI	2023-02-27	

REF: 214-C-1336

DWG. TYPE: SALES