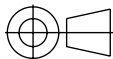


4X 5/8-11 UNC ∇ 0.87 [22.00]
(0.015" oversize)



IN (MM)

PART: NPSCG625-7001

DRAWING NUMBER: 214-C-194

TITLE:
SCG STATION POST INSULATOR-650 KV BIL

REF. TECHNICAL REFERENCE:

TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	1450 (6.45)
TENSION STRENGTH, lbs (kN)	20000 (89)
TORSION STRENGTH, in-lbs (kN*m)	60000(6.8)
COMPRESSION STRENGTH, lbs (kN)	60000 (267)

ELECTRICAL RATINGS

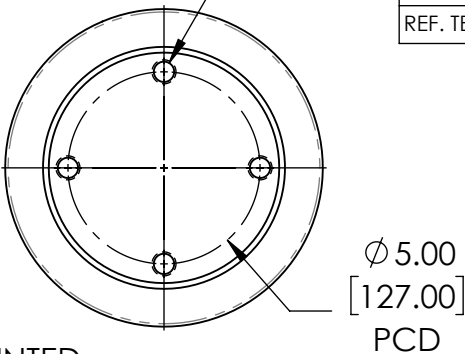
IMPULSE WITHSTAND VOLTAGE, kV	650
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	710
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	275
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

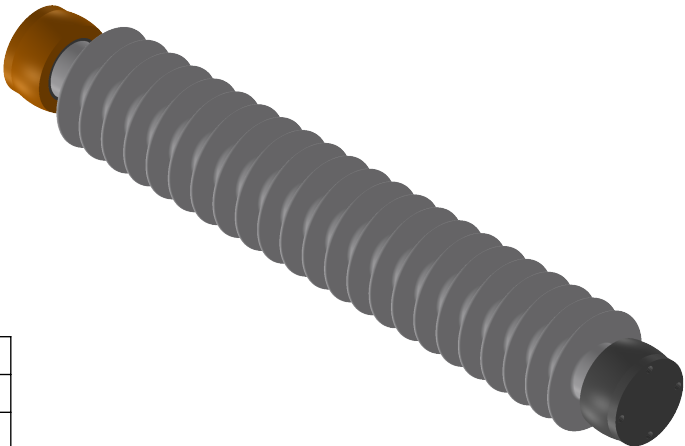
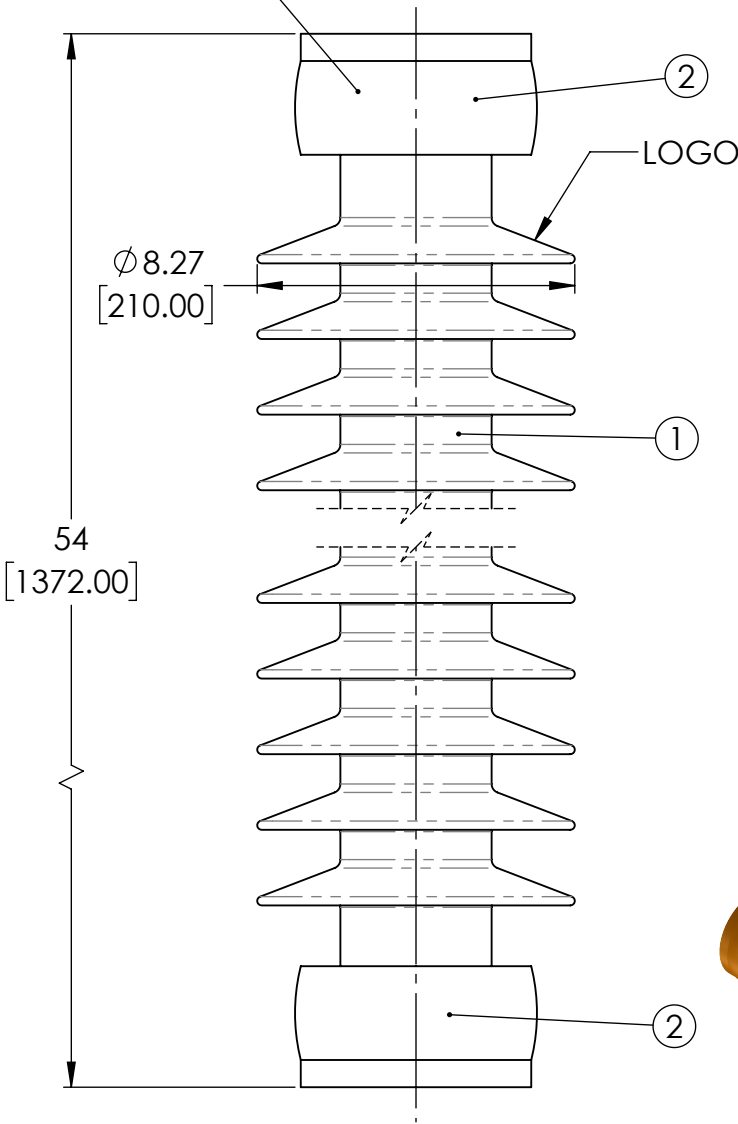
LOW FREQUENCY TEST VOLTAGE, kV	88
MAX. RIV AT 1000kHz, μV	200

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	132(3353)
UNIT HEIGHT, in (mm)	54(1372)
NET WEIGHT, lbs (kg)	150(68)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & C29.1 IEC:60168,273 & IS:2544,5350



TOP CAP PAINTED
ORANGE



2	CAP	HOT DIP GALV.	2	MCI/SGI
1	INSULATOR BODY	SCG GRAY GLAZE	1	PORCELAIN
NO.	DESCRIPTION	REMARK	QTY	MATERIAL
	DESIGNED	M.ANUVADIYA	2023-03-03	
	DRAWN	M.ANUVADIYA	2023-03-03	
	CHECKED	S.RAMANI	2023-03-03	
	APPROVED	S.RAMANI	2023-03-03	

REF: 214-C-194

DWG. TYPE: SALES