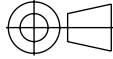


4X 3/4-10 UNC ∇ 0.87 [22.00]
(0.015" oversize)



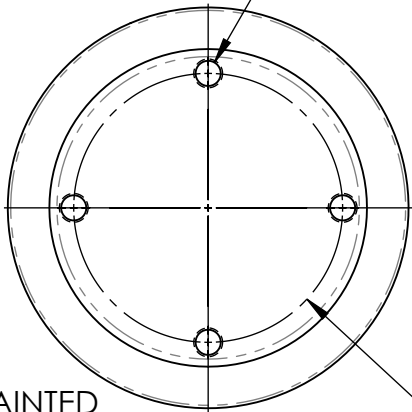
IN (MM)

PART: NPSCG842-7001

DRAWING NUMBER: 214-C-1039

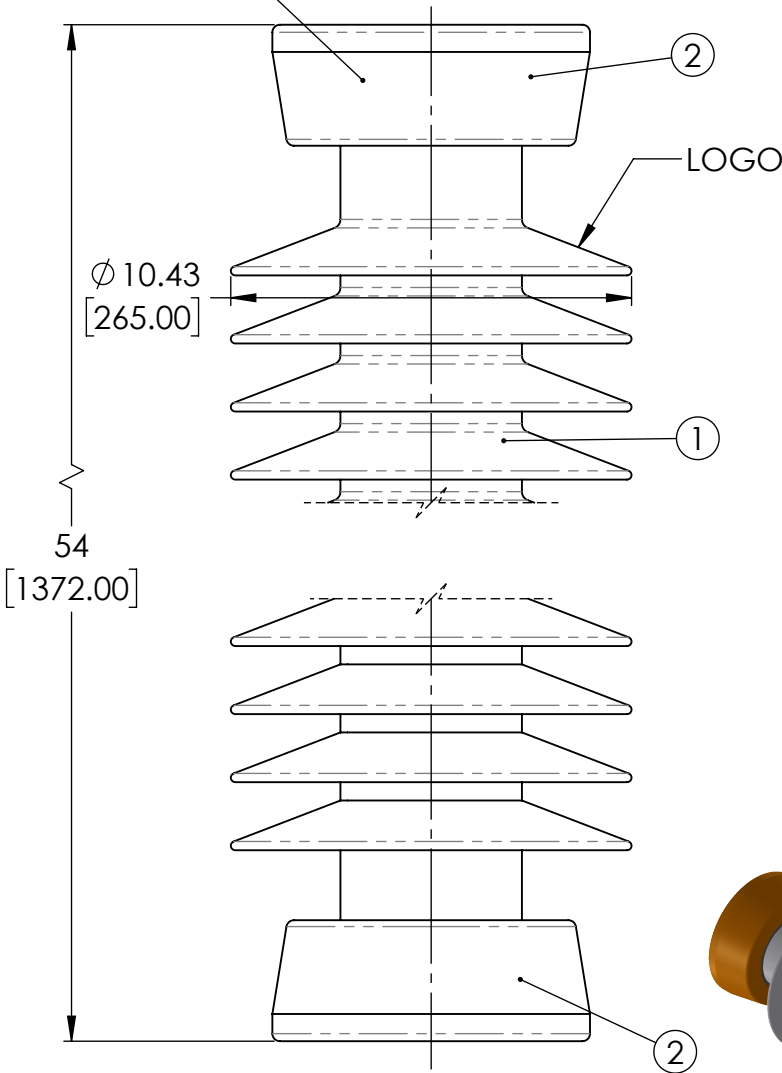
TITLE:
SCG STATION POST INSULATOR-650KV BIL

REF. TECHNICAL REFERENCE:



Ø 7.00
[177.80]
PCD

TOP CAP PAINTED
ORANGE



TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	4100 (18.24)
TENSION STRENGTH, lbs (kN)	40000 (178)
TORSION STRENGTH, in-lbs (kN*m)	120000(13.56)
COMPRESSION STRENGTH, lbs (kN)	120000 (534)

ELECTRICAL RATINGS

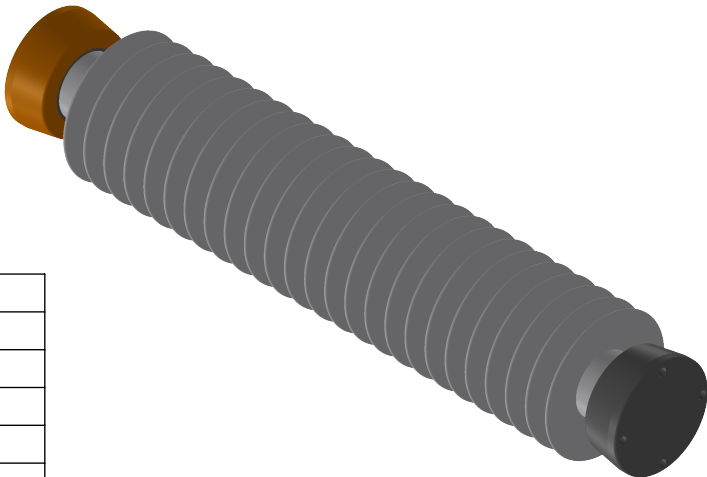
IMPULSE WITHSTAND VOLTAGE, kV	650
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	710
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	275
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

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

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	116(2950)
UNIT HEIGHT, in (mm)	54(1372)
NET WEIGHT, lbs (kg)	338(153)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & C29.1, IEC:60168,273 & IS:2544, 5350



2	CAPS	HOT DIP GALV.	2	MCI/SGI
1	INSULATOR BODY	SCG GRAY GLAZE	1	PORCELAIN
NO.	DESCRIPTION	REMARK	QTY	MATERIAL
	DESIGNED	M.ANUVADIYA	28-02-2023	
	DRAWN	M.ANUVADIYA	28-02-2023	
	CHECKED	S.RAMANI	28-02-2023	
	APPROVED	S.RAMANI	28-02-2023	

REF: 214-C-1039 DWG. TYPE: SALES