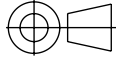


4X 3/4-10 UNC ∇ 0.87 [22.00]
(0.015" oversize)



IN (MM)

PART: NPSCG841-7001

DRAWING NUMBER: 214-C-1418

TITLE:
SCG STATION POST INSULATOR-550KV BIL

REF. TECHNICAL REFERENCE:

TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	5000 (22.24)
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	550
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	610
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	230
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	73
MAX. RIV AT 1000kHz ,μV	200

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	99(2515)
UNIT HEIGHT, in (mm)	45(1143)
NET WEIGHT, lbs (kg)	213(97)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & C29.1, IEC:60168,273 & IS:2544, 5350

TOP CAP PAINTED
ORANGE

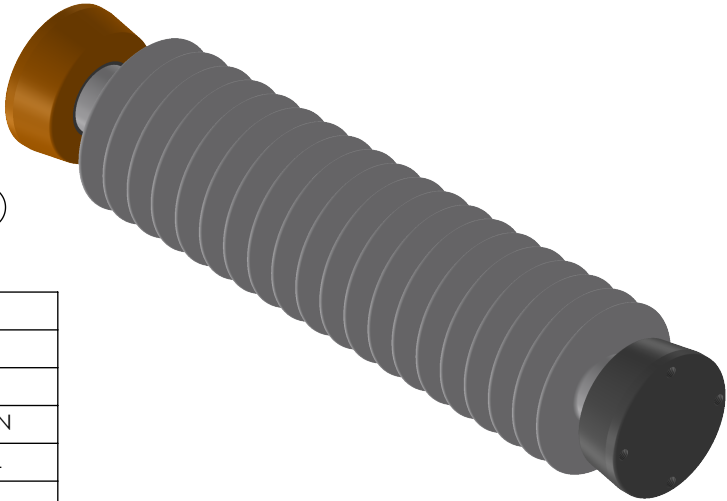
Ø 7.00
[177.80]
PCD

LOGO

Ø 9.84
[250.00]

45.00
[1143.00]

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-1418 DWG. TYPE: SALES