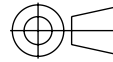


4X 5/8-11 UNC ∇ 0.87 [22.00]
(0.015" oversize)



IN (MM)

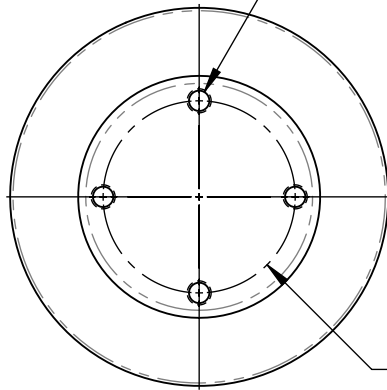
PART: NPSCG278-7001

DRAWING NUMBER: 214-C-1359

TITLE:

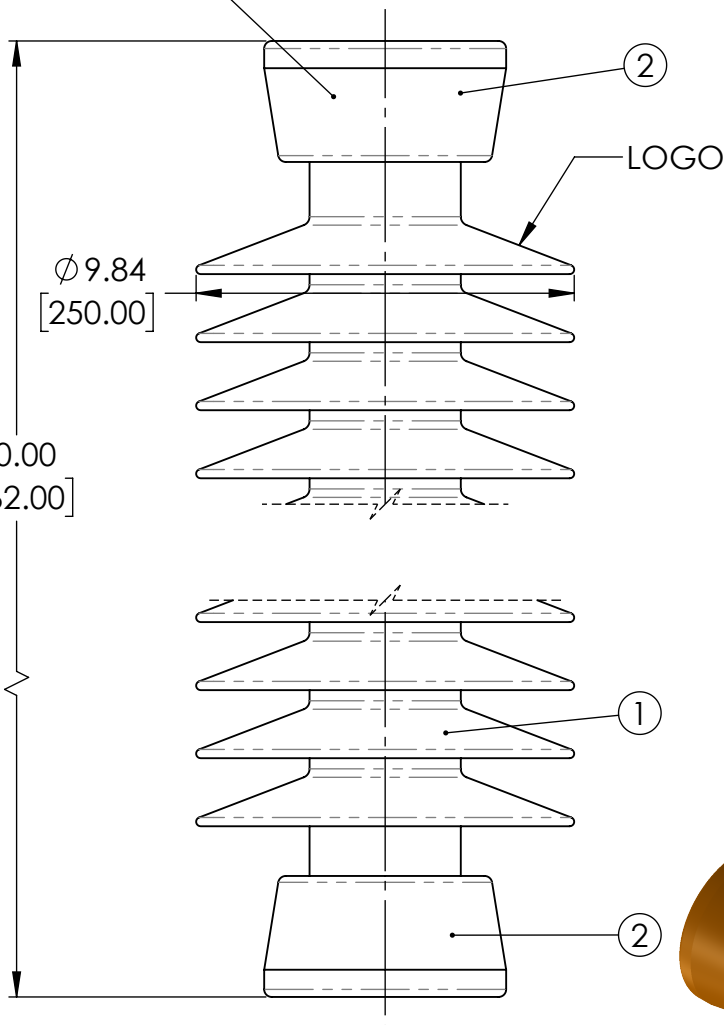
SCG STATION POST INSULATOR-350KV BIL

REF. TECHNICAL REFERENCE: TR-278



Ø 5.00
[127.00]
PCD

TOP CAP PAINTED
ORANGE



TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	3000 (17.7)
TENSION STRENGTH, lbs (kN)	25000 (111)
TORSION STRENGTH, in-lbs (kN*m)	40000(4.5)
COMPRESSION STRENGTH, lbs (kN)	60000 (267)

ELECTRICAL RATINGS

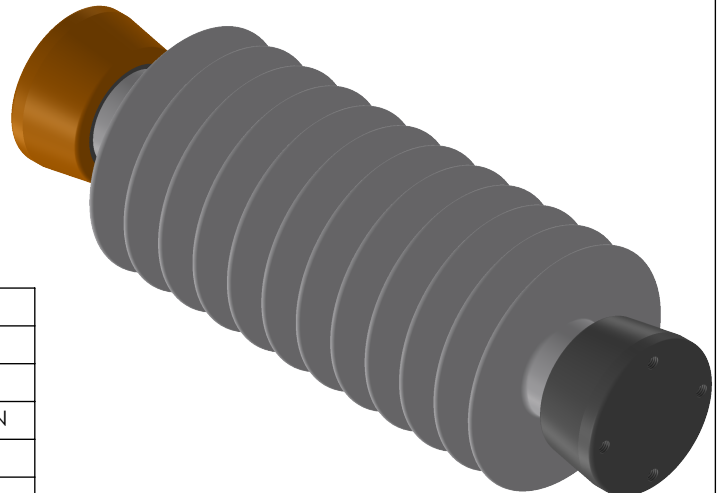
IMPULSE WITHSTAND VOLTAGE, kV	350
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	390
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	145
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	44
MAX. RIV AT 1000kHz ,µV	200

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	72(1830)
UNIT HEIGHT, in (mm)	30(762)
NET WEIGHT, lbs (kg)	101(46)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & C29.1



NO.	DESCRIPTION	REMARK	QTY	MATERIAL
2	CAPS	HOT DIP GALV.	2	MCI/SGI
1	INSULATOR BODY	SCG GRAY GLAZE	1	AL. PORCELAIN
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-1359

DWG. TYPE: SALES