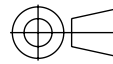


4X 5/8-11 UNC ∇ 0.87 [22.00]
(0.015" oversize)



IN (MM)

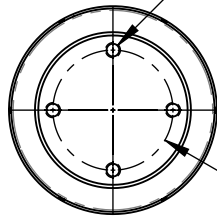
PART: NPSCG324-7001

DRAWING NUMBER: 214-C-731

TITLE:

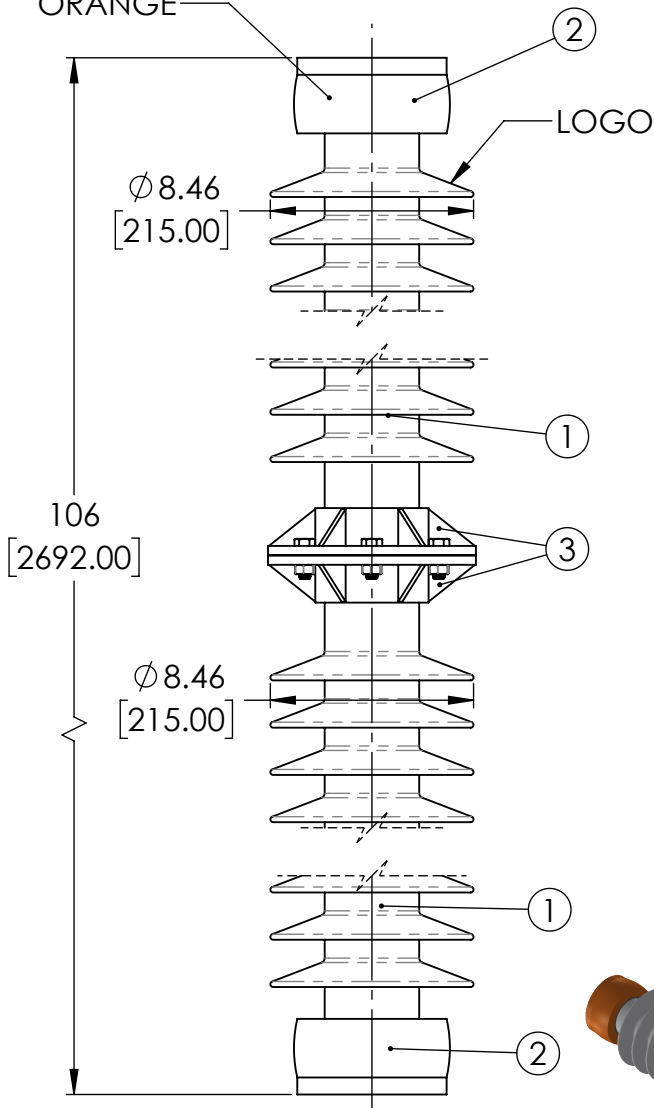
SCG STATION POST INSULATOR 1300KV BIL

REF. TECHNICAL REFERENCE: TR-324



ϕ 5.00
[127.00]
PCD

TOP CAP PAINTED
ORANGE



TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	1000 (4.45)
TENSION STRENGTH, lbs (kN)	25000 (111)
TORSION STRENGTH, in-lbs (kN*m)	90000(10.2)
COMPRESSION STRENGTH, lbs (kN)	75000 (334)

ELECTRICAL RATINGS

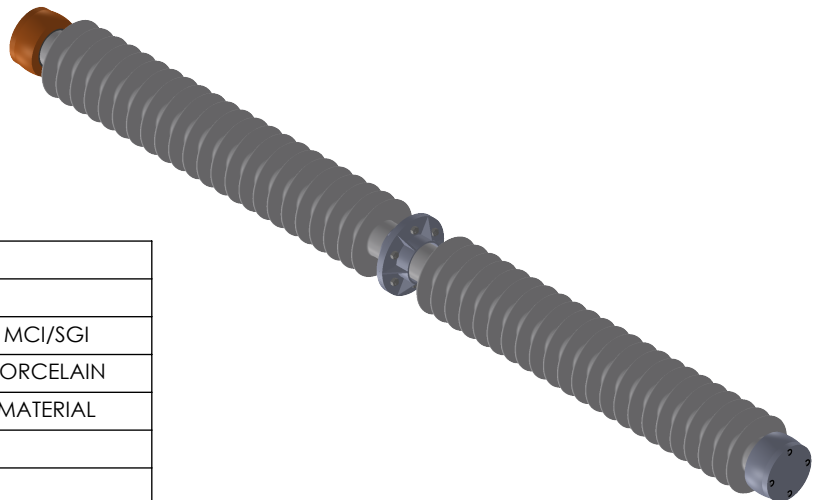
IMPULSE WITHSTAND VOLTAGE, kV	1300
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	1410
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	525
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	220
MAX. RIV AT 1000kHz, μ V	1000

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	231(5868)
UNIT HEIGHT, in (mm)	106(2692)
NET WEIGHT, lbs (kg)	335(152)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.1 & C29.9



NO.	DESCRIPTION	REMARK	QTY	MATERIAL
2 & 3	CAPS & FLANGES	HOT DIP GALV.	4	MCI/SGI
1	INSULATOR BODY	SCG GRAY GLAZE	2	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-731

DWG. TYPE: SALES