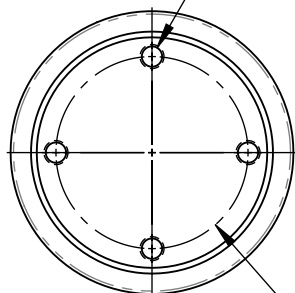
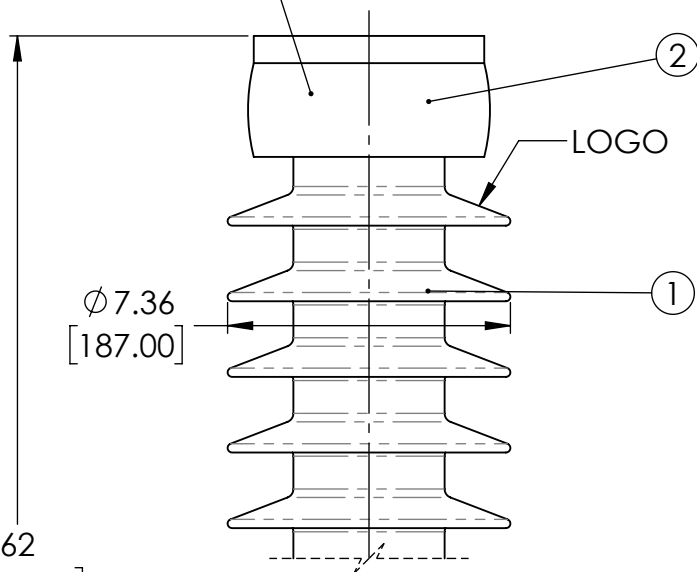


4X 5/8-11 UNC ∇ 0.87 [22.00]
(0.015" oversize)



ϕ 5.00
[127.00]
PCD

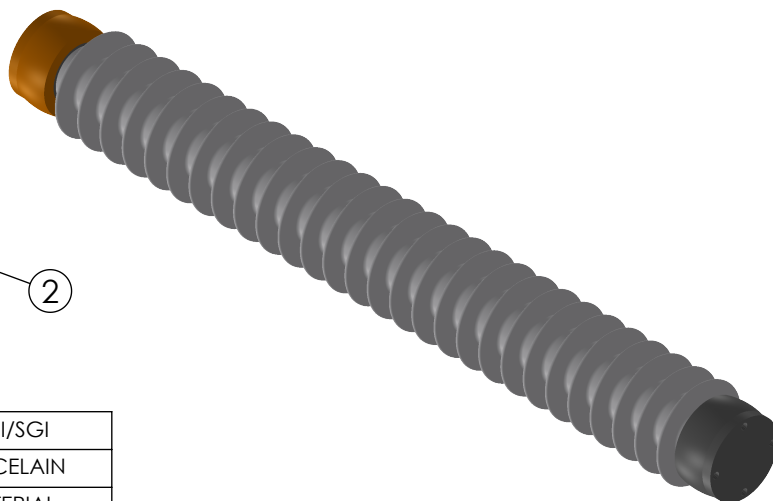
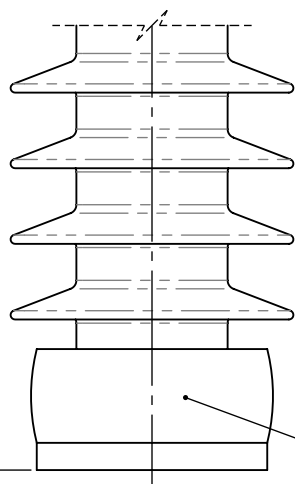
TOP CAP
PAINTED ORANGE



ϕ 7.36
[187.00]

LOGO

62
[1575.00]



IN (MM)

PART: NPSCG291-7001

DRAWING NUMBER: 214-C-1441

TITLE:

SCG STATION POST INSULATOR-750 KV BIL

REF. TECHNICAL REFERENCE: TR-291

TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs(kN) (Upright & Underhung)	1200 (5.33)
TENSION STRENGTH, lbs (kN)	20000 (89)
TORSION STRENGTH, in-lbs (kN*m)	60000(6.78)
COMPRESSION STRENGTH, lbs (kN)	60000 (267)

ELECTRICAL RATINGS

IMPULSE WITHSTAND VOLTAGE, kV	750
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	810
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	315
CURRENT AT RATED VOLTAGE, mA	0.5-1.5

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	103
MAX. RIV AT 1000kHz, μ V	500

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE,in(mm)	132(3353)
UNIT HEIGHT, in (mm)	62(1575)
NET WEIGHT, lbs (kg)	150(68)
GLAZE COLOR	SEMI-CONDUCTIVE GRAY
APPLICABLE STANDARD	ANSI C29.9 & 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-1441

DWG. TYPE: SALES