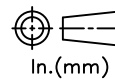


RELEASE HISTORY

a	DRAWING/DESIGN CREATED Rev.0	13.02.2020 KN
b	DRAWING REDRAWN Rev.1	17.05.2021 RVS



PART# 49805-7001

DRAWING NUMBER 212-C-3153

TITLE STATION POST INSULATOR-900kV BIL

REF. TECHNICAL REFERENCE # TR-304XL-245" LEAK

TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

CANTILEVER STRENGTH, lbs (kN)	950 (4.22)
(Upright & Underhung)	
TENSION STRENGTH, lbs (kN)	20000 (89)
TORSION STRENGTH in-lbs (kN*M)	60000 (6.8)
COMPRESSION STRENGTH lbs (kN)	60000 (267)

ELECTRICAL RATINGS

IMPULSE WITHSTAND VOLTAGE, kV	900
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	1010
WET POWER FREQUENCY WITHSTAND VOLTAGE, kV	385

RADIO INFLUENCE VOLTAGE RATINGS

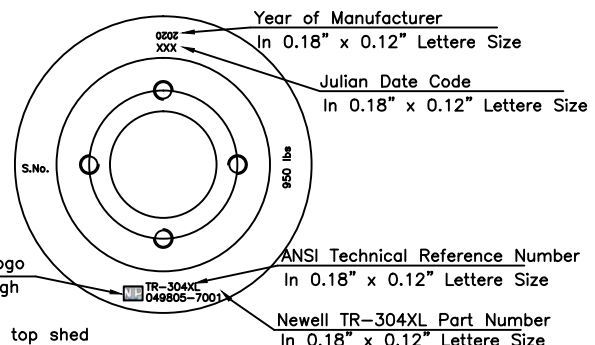
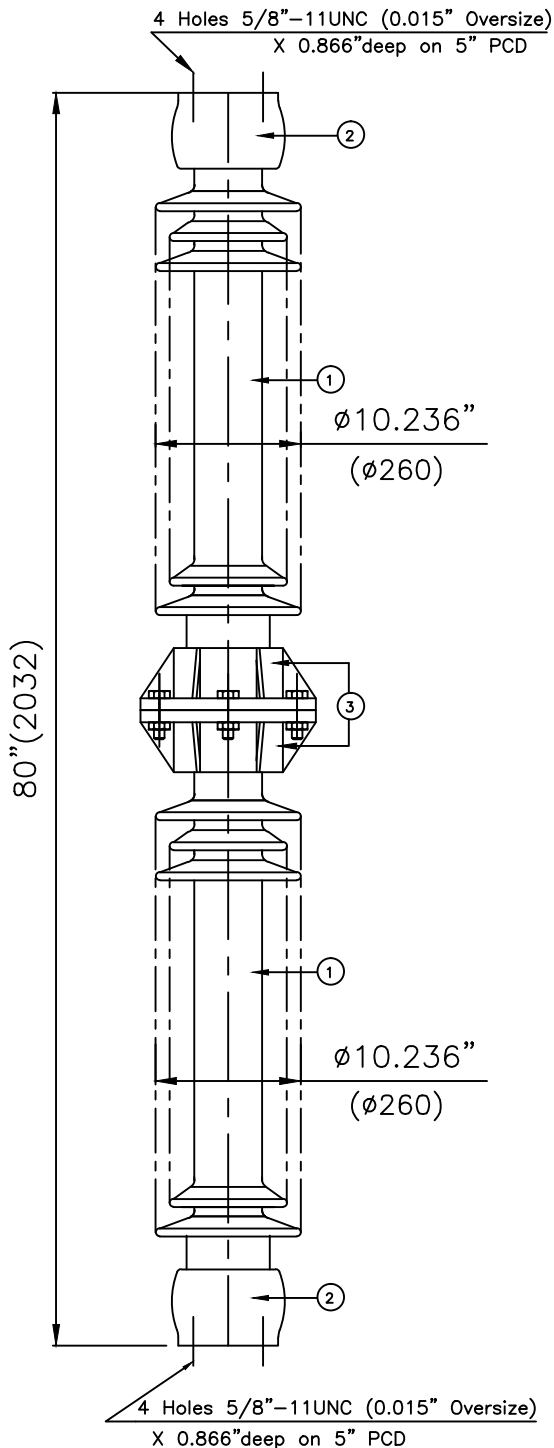
LOW FREQUENCY TEST VOLTAGE, kV	146
MAX. RIV AT 1000 kHz, μ V	500

PHYSICAL CHARACTERISTICS

MINIMUM LEAKAGE DISTANCE, in (mm)	245 (6223)
UNIT HEIGHT, in (mm)	80 (2032)
NET WEIGHT, lbs (kg)	299 (136)
GLAZE COLOR	Light Gray

APPLICABLE STANDARD: ANSI: C29.9 & 29.1

IEC:60168,273 & IS:2544, 5350



2 & 3	Caps & Flange	SGI	Hot dip.galv.
1	Insulator body	Porcelain	Grey Glazed
S.No.	DESCRIPTION	MATERIAL	REMARKS

REF.212-C-3153

DWG.TYPE SALES

DWN. RVS

APP.