RELEASE HISTORY		
a	DRAWING/DESIGN CREATED Rev.0	20.02.2013 KN
b	DRAWING REDRAWN Rev.1	31.05.2021 RVS

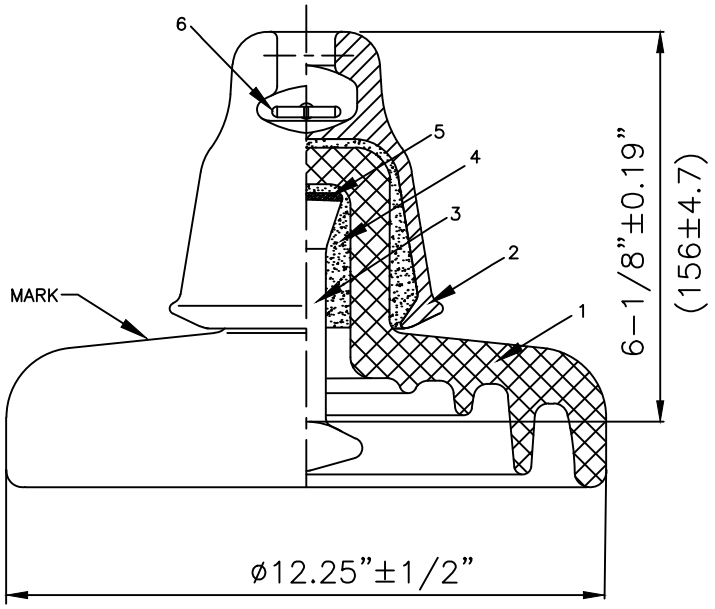
In.(mm)

PART# NP11549-7001

DRAWING NUMBER NP5211LG

TITLE SUSPENSION TYPE INSULATOR

REF. ANSI TECHNICAL REFERENCE # 52-11



TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

COMBINED M&E STRENGTH, lbs(kN)	50000	(222.4)
TENSION PROOF TEST lbs(kN)	25000	(111.2)
MINIMUM MECHANICAL IMPACT STRENGTH,in-lbs	90	

ELECTRICAL RATINGS

LOW FREQUENCY DRY FLASHOVER VOLTAGE, kV	80
LOW FREQUENCY WET FLASHOVER VOLTAGE, kV	50
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV	140
CRITICAL IMPULSE FLASHOVER VOLTAGE, NEGATIVE, kV	140
LOW FREQUENCY PUNCTURE VOLTAGE, kV	125

RADIO INFLUENCE VOLTAGE RATINGS

LOW FREQUENCY TEST VOLTAGE, kV	10
MAX. RIV AT 1000 kHz, μV	50

PHYSICAL CHARACTERISTICS

SHELL MATERIAL	PORCELAIN	
CONNECTION TYPE	B&S TYPE K	
LEAKAGE DISTANCE, in (mm)	15	(381)
UNIT SPACING, in (mm)	6.125	(155.5)
SHELL DIAMETER, in (mm)	12.25	(311)
NET WEIGHT, lbs (kg)	21.34	(9.7)
GLAZE COLOR	LIGHT GRAY	
APPLICABLE STANDARD: ANSI	C29.1 & C29.2B	

6	Stainless Steel Clip	-	
5	Lincrusta Cushion	-	
4	Portland Cement	-	
3	Forged Steel Ball Pin	-	
2	Malleable cast iron socket cap	-	
1	Porcelain shed	-	
S.No.	DESCRIPTION	MATERIAL	QTY.

REF. NP5211LG	DWG.TYPE SALES	DWN. RVS	APP.