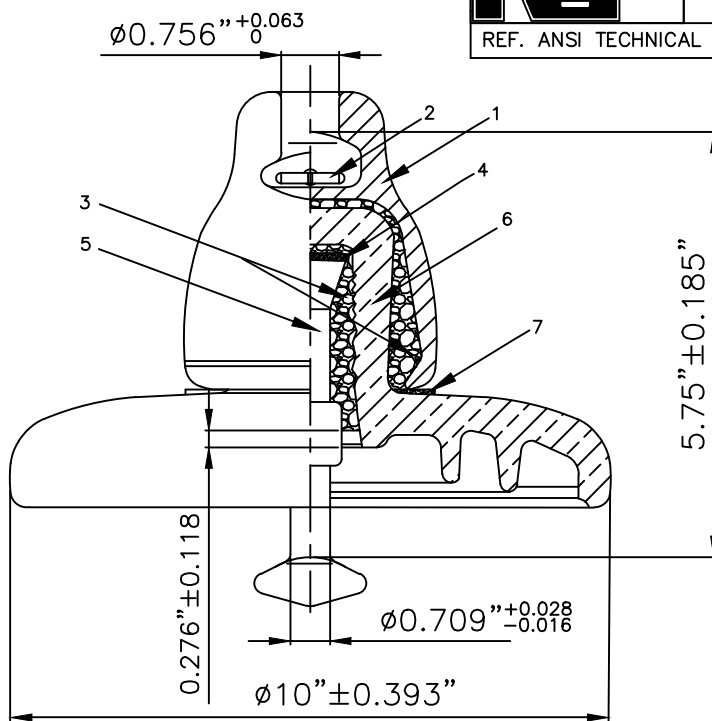


RELEASE HISTORY					PART# G525-7001	
a	DRAWING/DESIGN CREATED Rev.0	20.02.2013 KN			DRAWING NUMBER NPG525	
b	DRAWING REDRAWN Rev.1	01.06.2021 RVS			TITLE-SUSPENSION TYPE INSULATOR W/ZINC SLEEVE	
$\varnothing 0.756^{+0.063}_0$					REF. ANSI TECHNICAL REFERENCE # 52-5H	



TECHNICAL CHARACTERISTICS

MECHANICAL RATINGS

COMBINED M&E STRENGTH, lbs(kN) 30000 (133.45)
TENSION PROOF TEST lbs(kN) 15000 (66.7)
MINIMUM MECHANICAL IMPACT STRENGTH, in-lbs 400

RADIO INFLUENCE VOLTAGE RATINGS

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

ELECTRICAL RATINGS

LOW FREQUENCY DRY FLASHOVER VOLTAGE, kV 80
LOW FREQUENCY WET FLASHOVER VOLTAGE, kV 50
CRITICAL IMPULSE FLASHOVER VOLTAGE, POSITIVE, kV 125
CRITICAL IMPULSE FLASHOVER VOLTAGE, NEGATIVE, kV 130
LOW FREQUENCY PUNCTURE VOLTAGE, kV 130

PHYSICAL CHARACTERISTICS

SHELL MATERIAL TOUGHENED GLASS
CONNECTION TYPE B&S TYPE J
LEAKAGE DISTANCE, in (mm) 12.625 (321)
UNIT SPACING, in (mm) 5.75 (146)
SHELL DIAMETER, in (mm) 10.75 (273)
NET WEIGHT, lbs (kg) 8.8 (4)

7	Coating	Pile	SU-3	1
6	Glass Part	Toughened Glass	T12	1
5	Pin	Forged Steel Coating	J3-7-1	1
4	Cushion	Asphalt Felt	Y-2	1
3	Cement	Aluminous Cement	-	1
2	Cotter Pin	Stainless Steel	R16	1
1	Cap	Malleable Cast Iron	52-5	1
S.No.	DESCRIPTION	MATERIAL	CODE	QTY.

APPLICABLE STANDARD: ANSI C29.1 & C29.2B

REF. NPG525	DWG. TYPE SALES	DWN. RVS	APP.
-------------	-----------------	----------	------