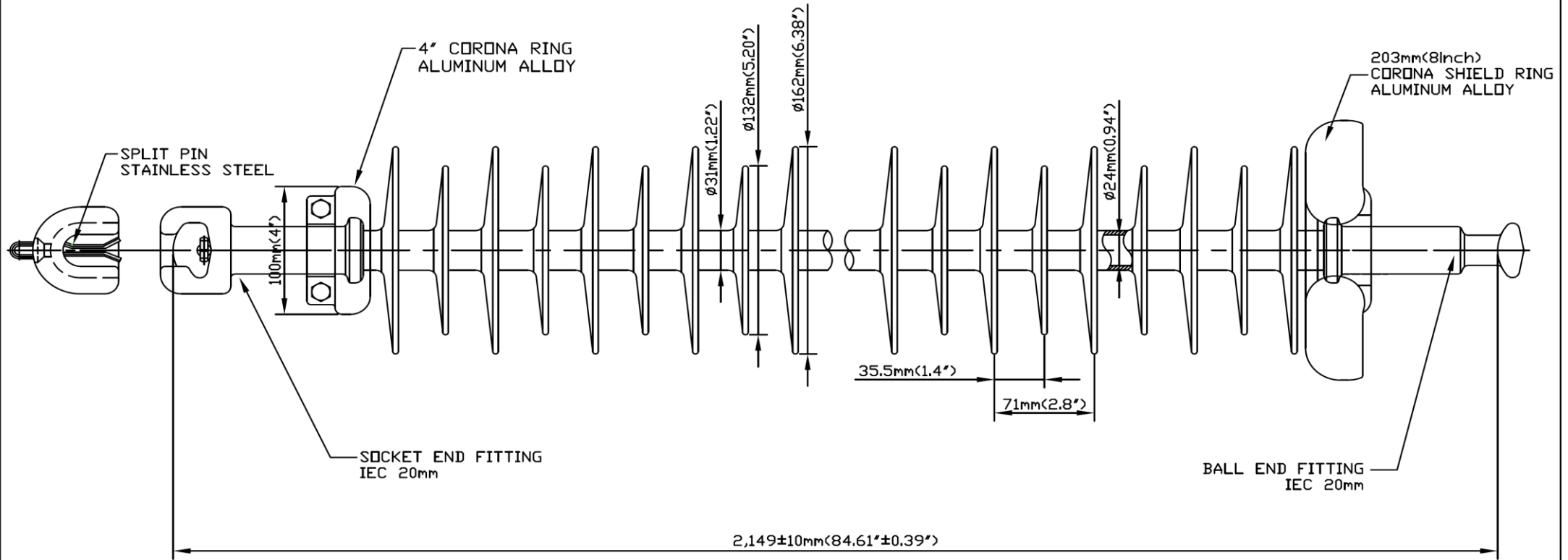


REV	REVISION NOTE	DATE	BY
I/R	INITIAL RELEASE	10/14/2008	C.H.PARK



REQUIREMENTS


SECTION LENGTH	2,149±10mm(84.61±0.39 inches)
SPECIFIED MECHANICAL LOAD	210 kN
ROUTINE TEST LOAD RATING	105 kN
END FITTINGS DESIGN	SOCKET & BALL(IEC 20mm)
SHEDS Q'TY	53 PCS
DRY ARCING DISTANCE	1,966mm(77.40 inches)
LEAKAGE DISTANCE	7,606mm(299.45 inches)
60 Hz DRY FLASHOVER	775 kV
60 Hz WET FLASHOVER	696 kV
CRITICAL FLASHOVER(POS)	1,237 kV
CRITICAL FLASHOVER(NEG)	1,298 kV
LIGHTNING WITHSTAND(POS)	1,140 kV
LIGHTNING WITHSTAND(NEG)	1,195 kV
WEIGHT	14.47kg(31.90lbs)
P1-P2	15 mm
S/P	1.08 (P1=66.5mm, P2=51.5mm, S=71mm, I=289.62)

NOTE:

1. END FITTINGS ARE MADE FROM CARBON STEEL CASTINGS AND GALVANIZED
2. FIBERGLASS ROD IS MADE FROM EPOXY RESIN.
3. THE DIA. OF FRP ROD IS 24mm(0.94inches) SOLID.
4. THE SOCKET AND BALL DESIGN ARE ACCORDING TO IEC 20mm.
5. THE THICKNESS OF HOT DIP GALVANIZING SHALL BE 90µm(MIN. AVE)
6. HARDWARE ENDS TO BE STAMPED WITH JULIAN DATE, SML 210kN, SFVL053-B6800, TEST 105kN

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DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED	
X	±0.1
XX	±0.02
XXX	±0.010
ANGLES	±1°

Designed by C.H.PARK	Date 05/26/11	Part Number SFVL053-B6811	Scale N/A
		230kV SILICONE TRANSMISSION INSULATOR	
		Filepath Q:\ENGINEERING\DRAWINGS\PART#\SFVL053-B6811	Units INCHES