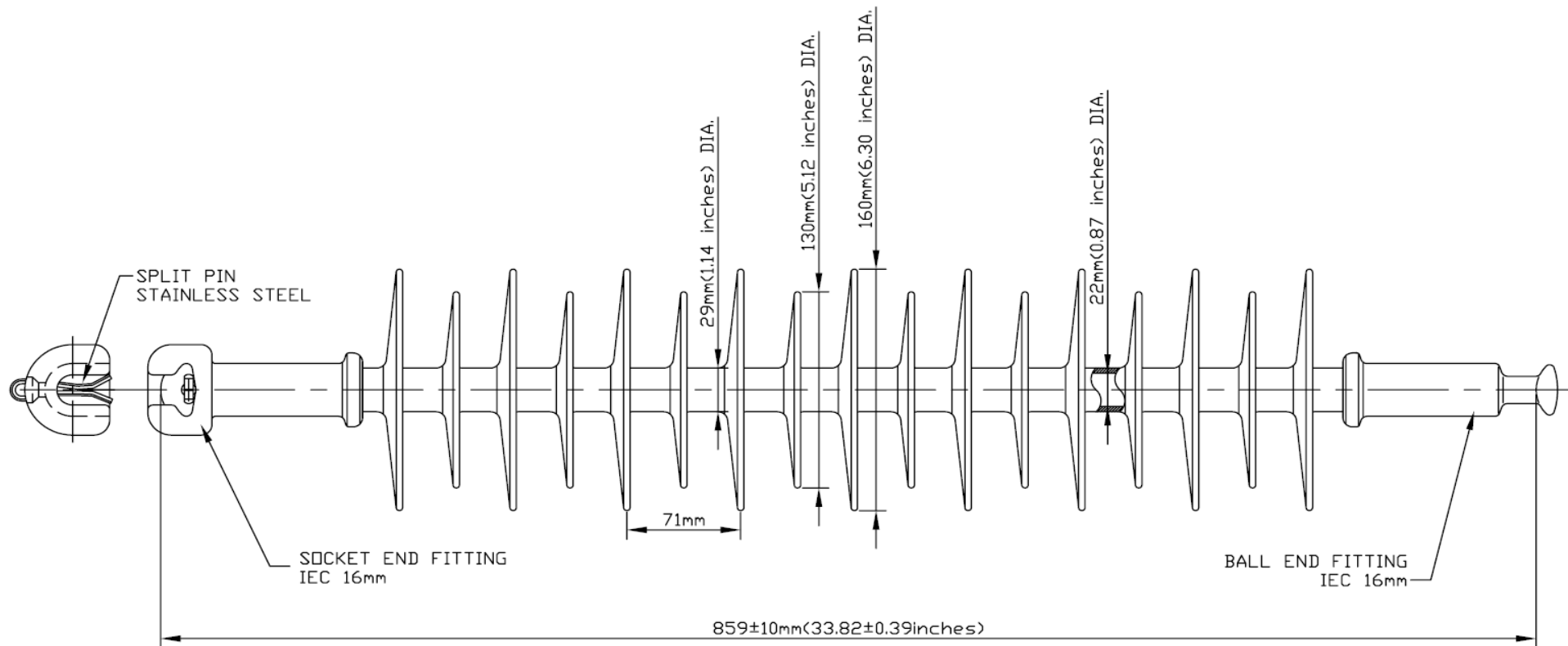


REV	REVISION NOTE	DATE	BY
I/R	INITIAL RELEASE	10/14/2008	C.H.PARK

CATALOG NO. SCVL017-A6800



**REQUIREMENTS**

SECTION LENGTH	859±10mm(33.82±0.39 inches)
SPECIFIED MECHANICAL LOAD	120 kN
ROUTINE TEST LOAD RATING	60 kN
END FITTINGS DESIGN	SOCKET & BALL(IEC 16mm)
SHEDS Q'TY	17 PCS
DRY ARCING DISTANCE	687mm(27.05 inches)
LEAKAGE DISTANCE	2,449mm(96.42 inches)
60 Hz DRY FLASHOVER	309 kV
60 Hz WET FLASHOVER	268 kV
CRITICAL FLASHOVER(POS)	447 kV
CRITICAL FLASHOVER(NEG)	481 kV
LIGHTNING WITHSTAND(POS)	395 kV
LIGHTNING WITHSTAND(NEG)	425 kV
WEIGHT	5.43 kg(11.97lbs)
P1-P2	15 mm
S/P	1.08 (P1=65.5mm, P2=50.5mm, S=71mm, l=285.56)

**NOTE:**

1. END FITTINGS ARE MADE FROM FORGED STEEL AND GALVANIZED
2. FIBERGLASS ROD IS MADE FROM EPOXY RESIN.
3. THE DIA. OF FRP ROD IS 22mm(0.87inches) SOLID.
4. THE SOCKET AND BALL DESIGN ARE ACCORDING TO IEC 16mm.
5. THE THICKNESS OF HOT DIP GALVANIZING SHALL BE 90µm(MIN. AVE)
6. HARDWARE ENDS TO BE STAMPED WITH JULIAN DATE, SML 120kN, SCVL017-A6800, TEST 60kN

<small>THESE DRAWINGS AND SPECIFICATIONS, AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF DTR CORPORATION. THESE DRAWINGS ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT, WITHOUT THE PRIOR WRITTEN PERMISSION OF DTR CORPORATION, BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR DTR CORPORATION.</small>	<b>DIMENSIONAL TOLERANCES UNLESS OTHERWISE NOTED</b> X ±0.1 XX ±0.02 XXX ±0.010 ANGLES ±1°	Designed by C.H.PARK	Date 10/14/08	Part Number SCVL017-A6800	Scale N/A
		<b>69kV SILICONE TRANSMISSION INSULATOR</b>			Filepath Q:\ENGINEERING\DRAWINGS\PART#S\SCVL017-A6800

