



REQUIREMENTS

SECTION LENGTH	2,105±10mm(82.87±0.39 inches)
SPECIFIED MECHANICAL LOAD	210 kN
ROUTINE TEST LOAD RATING	105 kN
END FITTINGS DESIGN	SOCKET & BALL (IEC 20mm)
SHEDS Q'TY	67 PCS
DRY ARCING DISTANCE	1,891mm(74.45 inches)
LEAKAGE DISTANCE	7,121mm(280.35 inches)
60 Hz DRY FLASHOVER	756 kV
60 Hz WET FLASHOVER	673 kV
CRITICAL FLASHOVER(POS)	1,191 kV
CRITICAL FLASHOVER(NEG)	1,248 kV
LIGHTNING WITHSTAND(POS)	1,095 kV
LIGHTNING WITHSTAND(NEG)	1,145 kV
WEIGHT	12.43 kg(27.40lbs)
P1-P2	16.1 mm
S/P	1.05 (P1=51.6mm, P2=35.5mm, S=54mm, l=204.3mm)

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 90_{µm}(MIN. AVE)
6. HARDWARE ENDS TO BE STAMPED WITH JULIAN DATE, SML 210kN, SFGL067-B6800, TEST 105kN

THESE DRAWINGS AND SPECIFICATIONS, AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF UTR CORPORATION. THESE DRAWINGS ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT, WITHOUT THE PRIOR WRITTEN PERMISSION OF UTR CORPORATION, BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR UTR CORPORATION.

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
SFGL067-B6811

Scale
N/A

230kV SILICONE TRANSMISSION INSULATOR

Filepath
Q:\ENGINEERING\DRAWINGS\PART\S\SFGL067-B6811

Units
INCHES

Sheet
1/1