



REQUIREMENTS

SECTION LENGTH	2,096±10mm(82.52±0.39 inches)
SPECIFIED MECHANICAL LOAD	120 kN
ROUTINE TEST LOAD RATING	60 kN
END FITTINGS DESIGN	SOCKET & BALL (IEC 16mm)
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	11.88 kg(26.19lbs)
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 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, SCGL067-A6800, TEST 60KN

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	230kV SILICONE TRANSMISSION INSULATOR				Filepath Q:\ENGINEERING\DRAWINGS\PART#S\SCGL067-A6811	Units INCHES