MacLean Power Systems
7801 Park Place Rd., York, SC 29745
USA (803) 628-2100

MPS Catalog Number **H7 90 70 014 MX SS 007**

Revision: PD-1 Date 4/4/2023

End Fittings

Tower End Fitting:	1 Piece Gain Base (Aluminum)
Line End Fitting:	F-Neck (Aluminum)

Material

Number of Sheds:		7
Rod Diameter:		1-3/4"
Weight Estimate:	15.0 lbs	6.8 kg

Dimensional Values

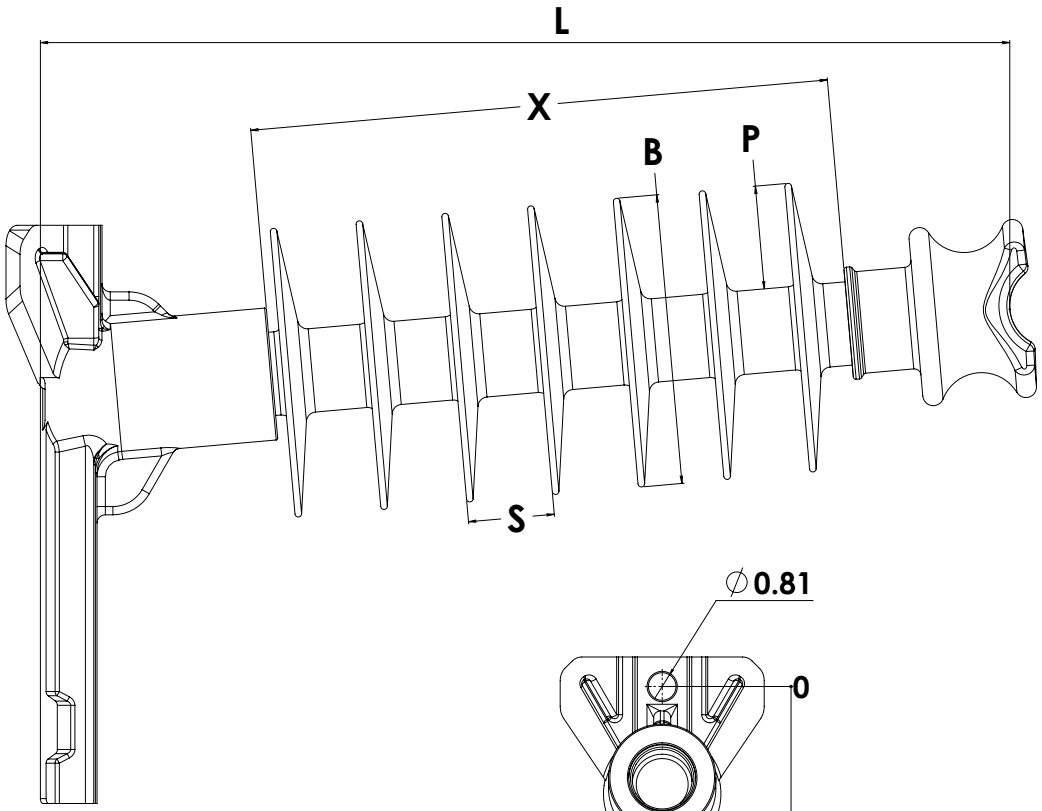
Section Length (L):	23.1 in	564 mm
Rubber Length (X):	13.8 in	351 mm
Shed Height (P):	2.4 in	62 mm
Shed Diameter (B):	6.9 in	175 mm
Shed Spacing (S):	2.0 in	52 mm
Dry Arc Distance:	16.7 in	423 mm
Leakage Distance:	45.0 in	1142 mm

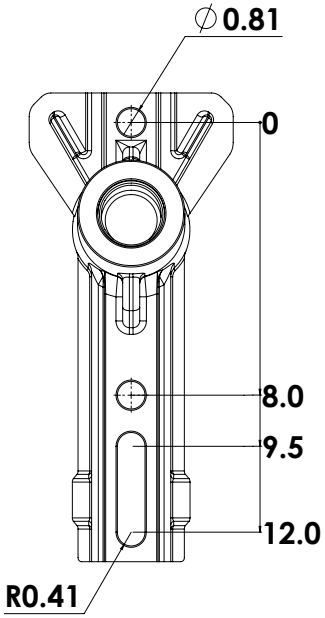
Electricals Values

60 Hz dry Flashover:	187 kV	Min. Withstand	162 kV
60 Hz Wet Flashover:	153 kV	Min. Withstand	115 kV
Positive CIFO:	293 kV	Min. Withstand	258 kV
Negative CIFO:	373 kV	Min. Withstand	291 kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,350 lbs	6.0 kN
Specified Cant. Load (SCL):	2,800 lbs	12.5 kN
Specified Tensile Load (STL):	5,000 lbs	22.2 kN





Part Marking:
MPS WO#
H09070014MXSS007
46kV
MDCL 1,350 lbs/6.0 kN

Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Insulator assembly complies with ANSI C.29.18 and CSA C411.6 Standards