MacLean™ POWER SYSTEMS

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

MPS Catalog Number: **H2 90 10 088 CA SS 053**

Date: 05/20/2021

End Fittings

Tower End Fitting:	Gain / 12 deg / Steel Anchor / Ductile Iron
Line End Fitting:	2 HL Drop Tongue / Galv. Ductile Iron

Material

Corona Ring (Tower):	None
Corona Ring (Line):	6" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:		12 deg
Number of Sheds:		53
Rod Diameter:		2.5 in
Weight Estimate:	114.2 lbs	52 kg

Dimensional Values

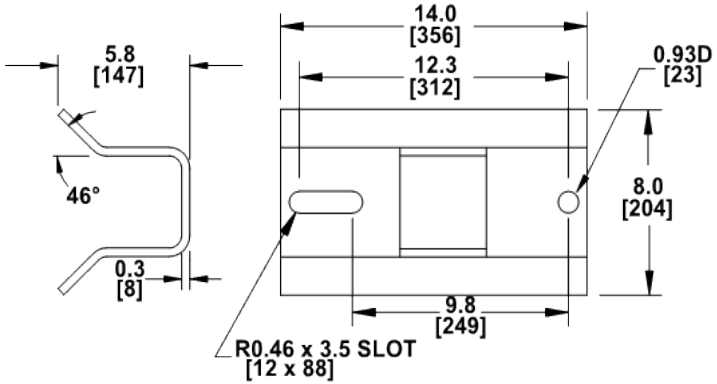
Section Length (L):	97.3 in	2,471 mm
Rubber Length (X):	88 in	2,235 mm
Shed spacing (S):	1.6 in	41 mm
Shed Projection (P):	2.4 in	61 mm
Dry Arc Distance:	88.8 in	2,256 mm
Leakage Distance:	326.5 in	8,293 mm

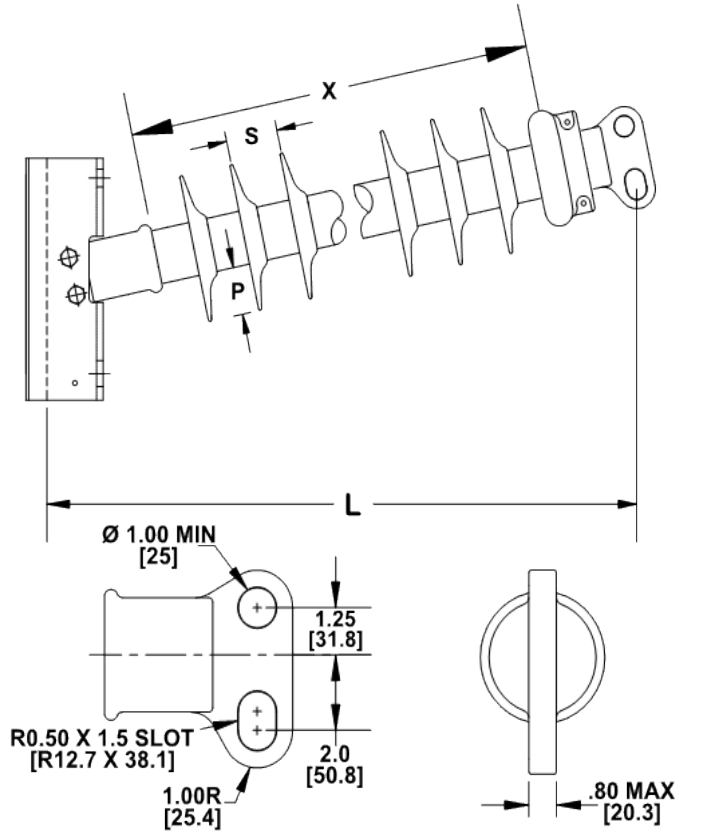
Electricals Values

60 Hz dry Flashover (Min. Withstand):	806 kV	757 kV
60 Hz Wet Flashover (Min. Withstand):	727 kV	593 kV
CIFO Positive (Min. Withstand):	1418 kV	1246 kV
CIFO Negative (Min. Withstand):	1438 kV	1302 kV

Mechanical Values

Max. Design Cant. Load (MDCL):	906 lbs	4.0 kN
Specified Cant. Load (SCL):	1,812 lbs	8.1 kN
Specified Tensile Load (STL):	15,000 lbs	66.7 kN





Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Notes:

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