MacLean™ POWER SYSTEMS

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

MPS Catalog Number: **H2 90 10 052 BX SS 025**

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):	None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:		12 deg
Number of Sheds:		25
Rod Diameter:		2.5 in
Weight Estimate:	77.8 lbs	35 kg

Dimensional Values

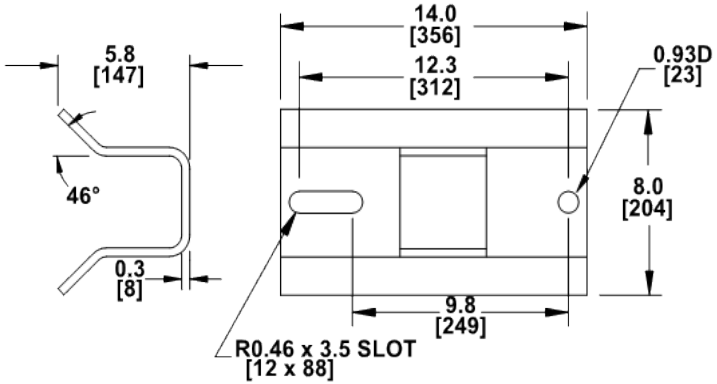
Section Length (L):	62.1 in	1,577 mm
Rubber Length (X):	52 in	1,321 mm
Shed spacing (S):	2 in	51 mm
Shed Projection (P):	2.4 in	61 mm
Dry Arc Distance:	54.9 in	1,394 mm
Leakage Distance:	164.5 in	4,178 mm

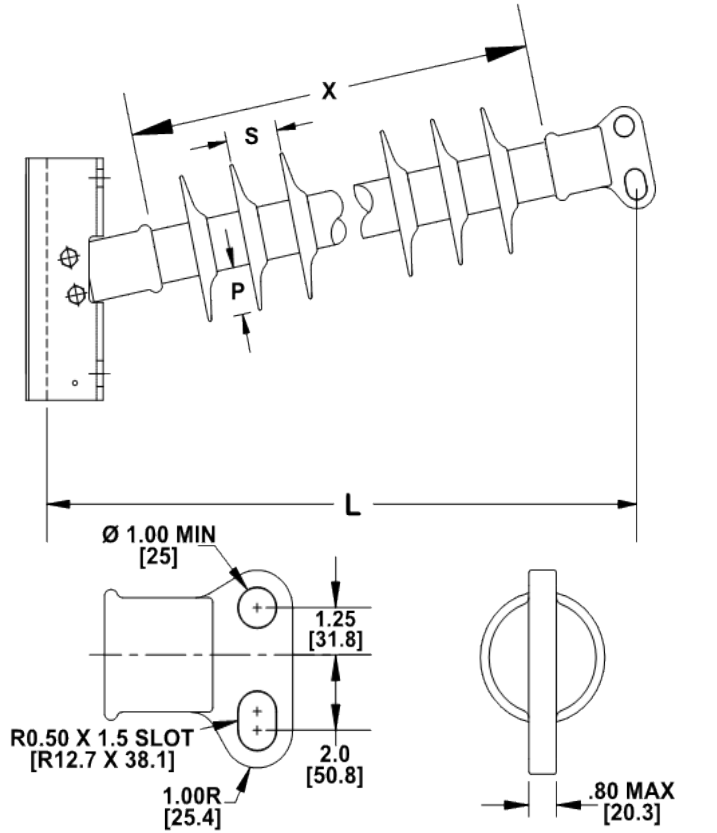
Electricals Values

60 Hz dry Flashover (Min. Withstand):	516 kV	484 kV
60 Hz Wet Flashover (Min. Withstand):	477 kV	379 kV
CIFO Positive (Min. Withstand):	898 kV	797 kV
CIFO Negative (Min. Withstand):	943 kV	839 kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,468 lbs	6.5 kN
Specified Cant. Load (SCL):	2,936 lbs	13.1 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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