MacLean POWER SYSTEMS™

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

MPS Catalog Number: **H1 90 10 034 BX SS 016**

Date: 05/20/2021

End Fittings

Tower End Fitting:	Gain / 12 deg / Steel
	Anchor / Ductile Iron
Line End Fitting:	2 HL Drop Tongue / 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:		16
Rod Diameter:		2 in
Weight Estimate:	54.1 lbs	25 kg

Dimensional Values

Section Length (L):	43.7 in	1,110 mm
Rubber Length (X):	34 in	864 mm
Shed spacing (S):	2 in	51 mm
Shed Projection (P):	2.7 in	68 mm
Dry Arc Distance:	37 in	940 mm
Leakage Distance:	114.9 in	2,918 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):	357 kV	336 kV
60 Hz Wet Flashover (Min. Withstand):	331 kV	258 kV
CIFO Positive (Min. Withstand):	614 kV	549 kV
CIFO Negative (Min. Withstand):	701 kV	586 kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,027 lbs	4.6 kN
Specified Cant. Load (SCL):	2,054 lbs	9.1 kN
Specified Tensile Load (STL):	7,000 lbs	31.1 kN

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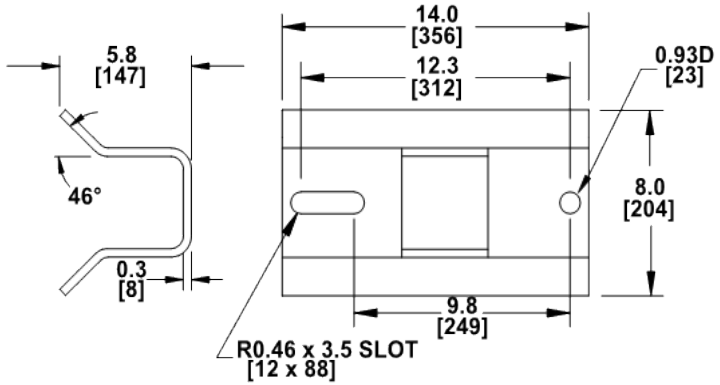
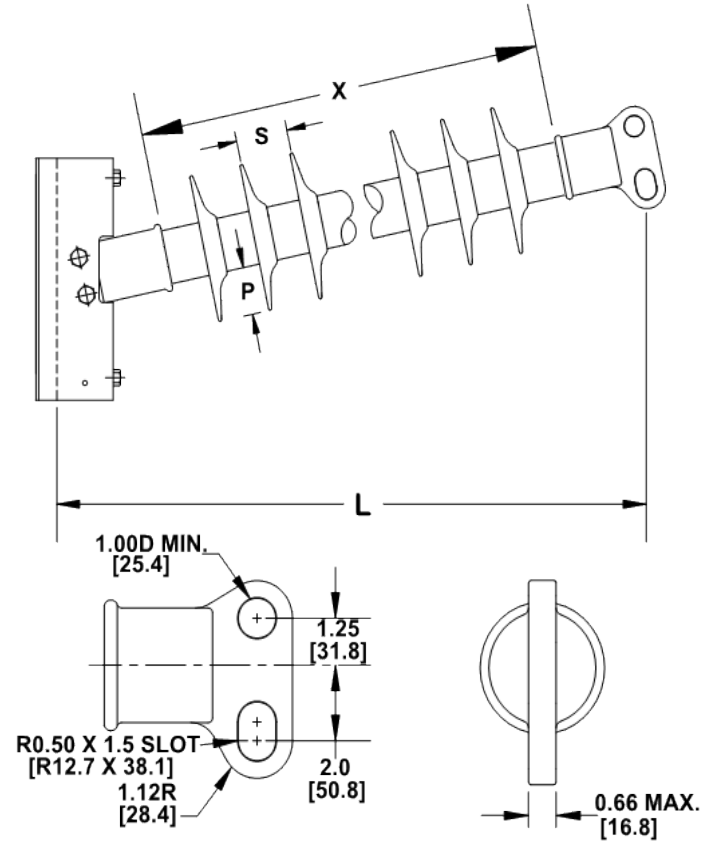
Notes:





Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

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

Prepared By: Laurel Wallace