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

MPS Catalog Number **H2 90 10 049 MX SS 025**

Date: 03/13/2024

End Fittings

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

Material

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:	61.2	lbs	28	kg

Dimensional Values

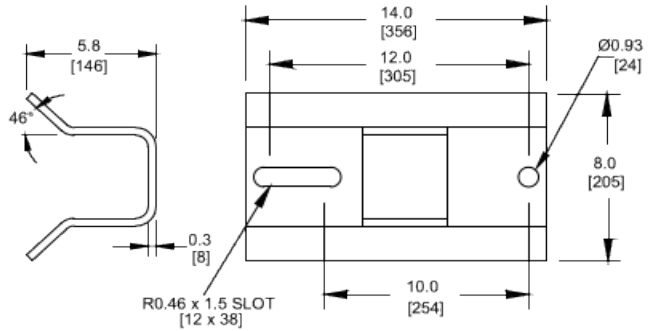
Section Length (L):	59.1	in	1,501	mm
Rubber Length (X):	49	in	1,245	mm
Shed spacing (S):	1.95	in	50	mm
Shed Projection (P):	1.86	in	47	mm
Dry Arc Distance:	51	in	1,295	mm
Leakage Distance:	132.6	in	3,368	mm

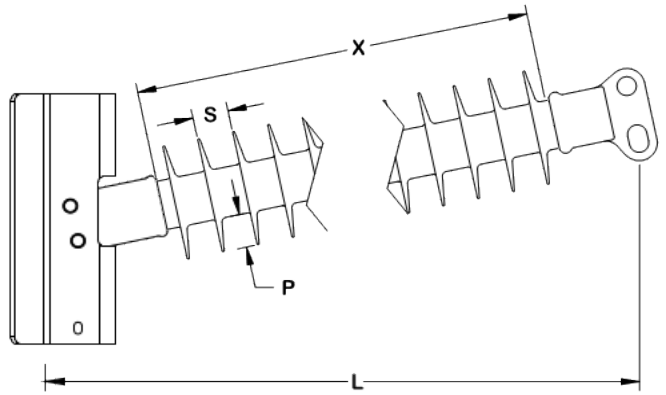
Electricals Values

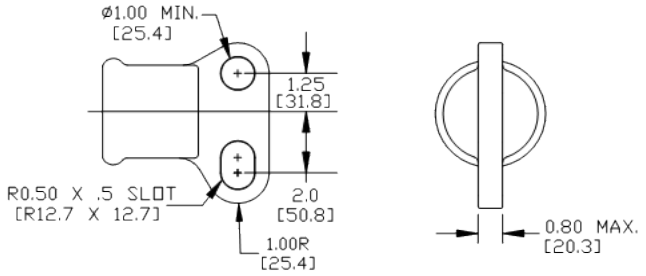
60 Hz dry Flashover (Min. Withstand):	482	kV	452	kV
60 Hz Wet Flashover (Min. Withstand):	446	kV	353	kV
CIFO Positive (Min. Withstand):	836	kV	743	kV
CIFO Negative (Min. Withstand):	884	kV	785	kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,546	lbs	6.9	kN
Specified Cant. Load (SCL):	3,092	lbs	13.8	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:

Prepared By: Evan Huber