

MPS Catalog Number

H2 90 10 027 MX SS 014

Date 7/14/2014

_____ End Fittings _____
Tower End Fitting: Gain / 12 deg / Steel

_____ Line End Fitting _____
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

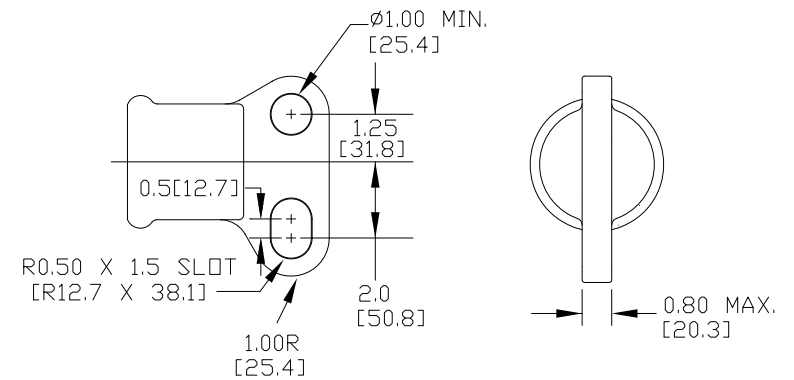
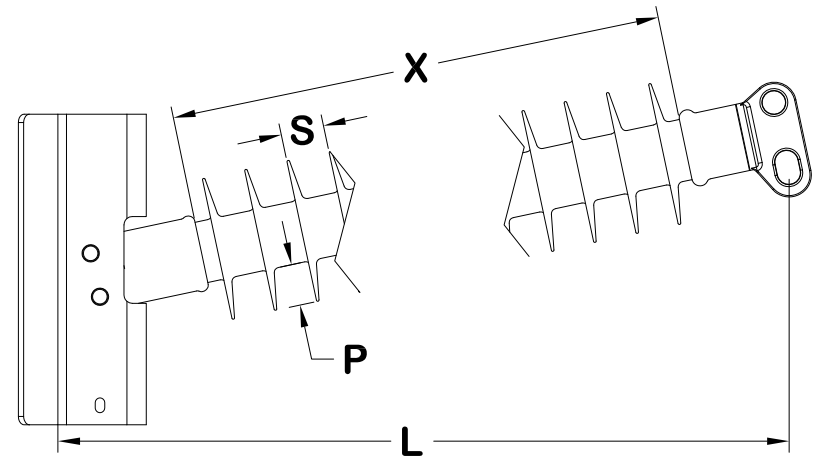
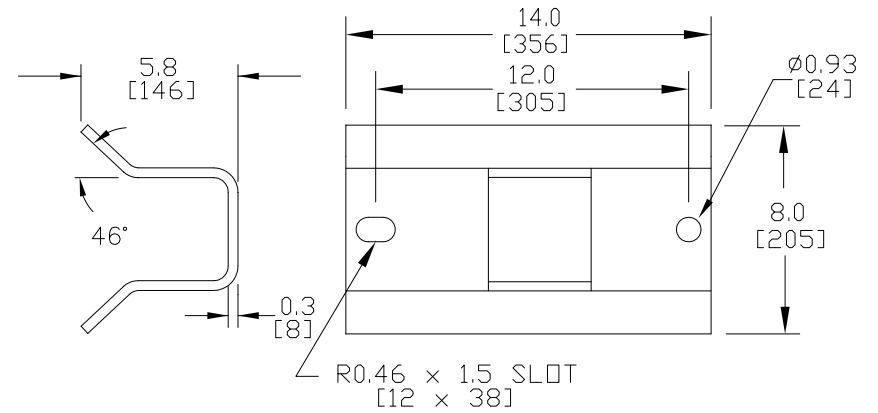
Mounting Angle 12
Number of Sheds 14
Rod Diameter 2.5 in
Weight Estimate 53.9 lbs 24 kg

_____ Dimensional Values _____
Section Length (L): 37.6 in 955 mm
Rubber Length (X): 27 in
Shed spacing (S): 2.0 in 50 mm
Shed Projection (P): 1.6 in 41 mm
Dry Arc Distance 29.5 in 749 mm
Leakage Distance 74.4 in 1889 mm

_____ Electricals Values _____
60 Hz dry Flashover 290 kV Min. Withstand 272 kV
60 Hz Wet Flashover 266 kV Min. Withstand 206 kV
Pos. Critical Impulse Flashover 495 kV Min. Withstand 443 kV
Neg. Critical Impulse Flashover 589 kV Min. Withstand 478 kV

_____ Mechanical Values _____
Max. Design Cant. Load (MDCL) 2,600 lbs 11.6 kN
Specified Cant. Load (SCL) 5,200 lbs 23.1 kN
Specified Tensile Load (STL) 15,000 lbs 66.7 kN

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Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds. Complies with applicable ANSI and IEC standards.