

MPS Catalog Number

H2 90 10 039 MX SS 020

Date 7/14/2014

_____ 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

Number of Sheds _____ 20

Rod Diameter _____ 2.5 in

Weight Estimate _____ 60.6 lbs 27 kg

_____ Dimensional Values _____

Section Length (L): _____ 49.3 in 1253 mm

Rubber Length (X): _____ 39 in

Shed spacing (S): _____ 2.0 in 50 mm

Shed Projection (P): _____ 1.6 in 41 mm

Dry Arc Distance _____ 41.2 in 1046 mm

Leakage Distance _____ 106.1 in 2696 mm

_____ Electricals Values _____

60 Hz dry Flashover _____ 395 kV Min. Withstand 371 kV

60 Hz Wet Flashover _____ 366 kV Min. Withstand 287 kV

Pos. Critical Impulse Flashover _____ 680 kV Min. Withstand 608 kV

Neg. Critical Impulse Flashover _____ 759 kV Min. Withstand 646 kV

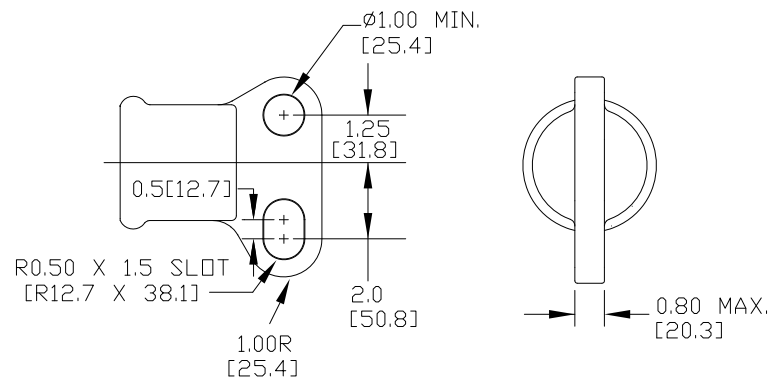
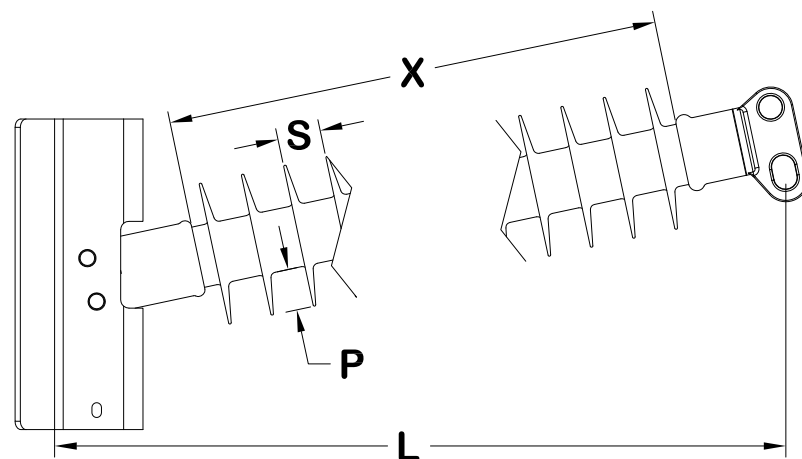
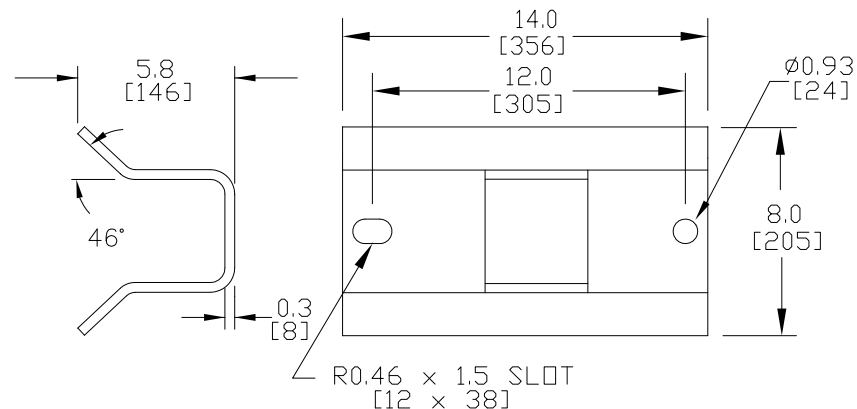
_____ Mechanical Values _____

Max. Design Cant. Load (MDCL) _____ 1,900 lbs 8.5 kN

Specified Cant. Load (SCL) _____ 3,800 lbs 16.9 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.