

MPS Catalog Number

**H2 90 10 043 MX SS 022**

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 \_\_\_\_\_ 22

Rod Diameter \_\_\_\_\_ 2.5 in

Weight Estimate \_\_\_\_\_ 62.9 lbs 29 kg

\_\_\_\_\_ Dimensional Values \_\_\_\_\_

Section Length (L): \_\_\_\_\_ 53.3 in 1353 mm

Rubber Length (X): \_\_\_\_\_ 43 in

Shed spacing (S): \_\_\_\_\_ 2.0 in 50 mm

Shed Projection (P): \_\_\_\_\_ 1.6 in 41 mm

Dry Arc Distance \_\_\_\_\_ 45.1 in 1145 mm

Leakage Distance \_\_\_\_\_ 116.7 in 2965 mm

\_\_\_\_\_ Electricals Values \_\_\_\_\_

60 Hz dry Flashover \_\_\_\_\_ 429 kV Min. Withstand 403 kV

60 Hz Wet Flashover \_\_\_\_\_ 398 kV Min. Withstand 313 kV

Pos. Critical Impulse Flashover \_\_\_\_\_ 742 kV Min. Withstand 662 kV

Neg. Critical Impulse Flashover \_\_\_\_\_ 809 kV Min. Withstand 701 kV

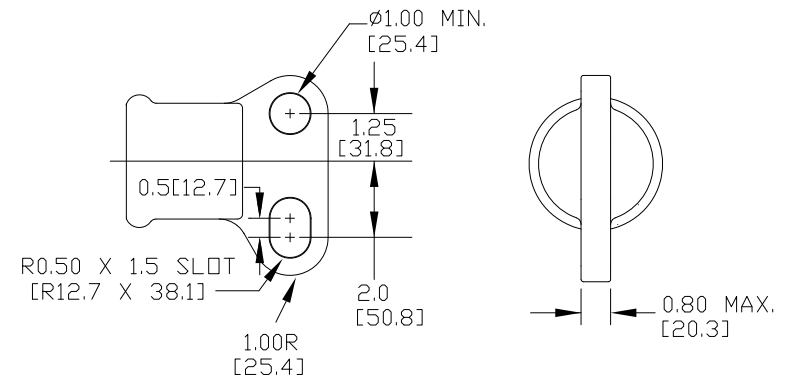
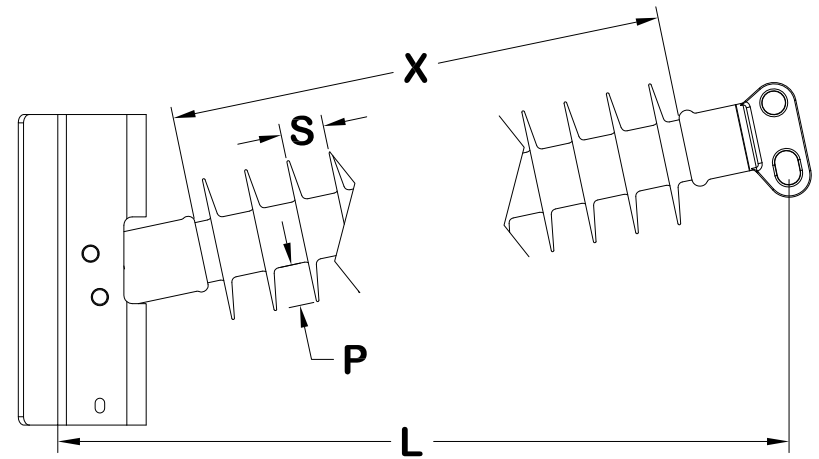
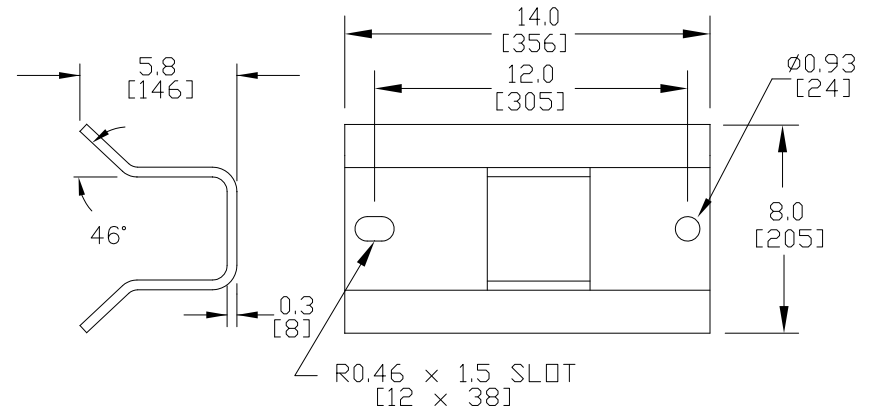
\_\_\_\_\_ Mechanical Values \_\_\_\_\_

Max. Design Cant. Load (MDCL) \_\_\_\_\_ 1,735 lbs 7.7 kN

Specified Cant. Load (SCL) \_\_\_\_\_ 3,470 lbs 15.4 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.