

CHARACTERISTICS/TESTS

In accordance with ANSI C29.9

Glaze: Light-grey Munsell Notations N*70
 Approximate weight 156.5 lbs

DIMENSIONS

Minimum leakage distance 132 in

MECHANICAL VALUES

Cantilever breaking strength, upright 1200 lbs
 Cantilever breaking strength, underhung 1200 lbs
 Tensile breaking strength 20000 lbs
 Torsional breaking moment 40000 in.lbs
 Compression breaking strength 60000 lbs

ELECTRICAL VALUES

Guaranteed voltage:
 Critical impulse dry, wave 1.2/50 - positive polarity 810 kV
 Power frequency wet, withstand 315 kV
 Impulse dry, wave 1.2/50 - withstand, positive polarity 750 kV

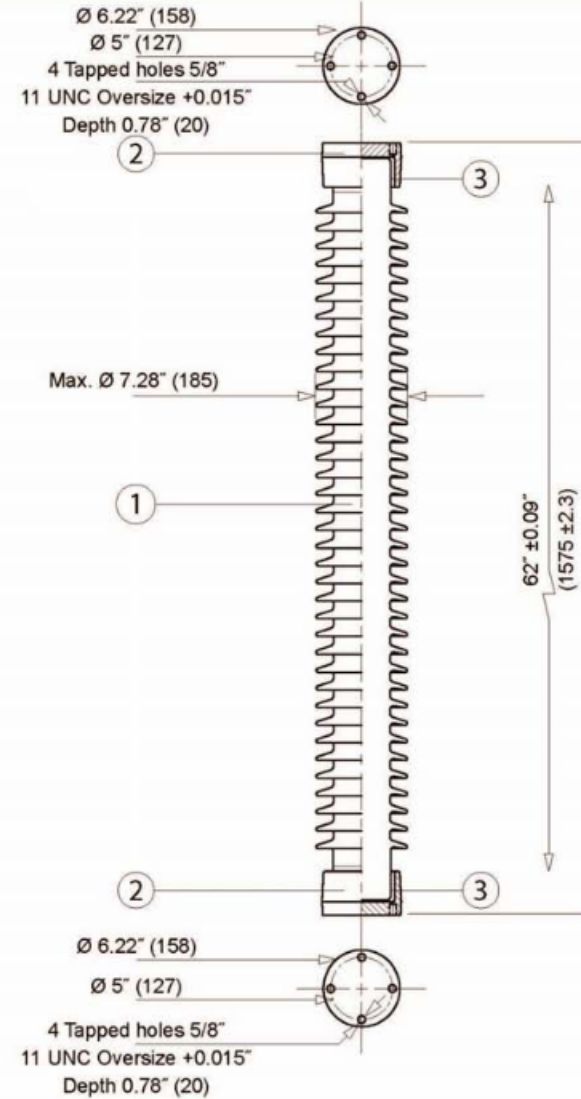
Test voltage 103 kV
 Maxi RIV at 1 MHz 500 μV

GENERAL TOLERANCE

± (0.04d + 0.06) in., if d ≤ 11.8 in.
 ± (0.025d + 0.24) in., if d > 11.8 in.

CONVERSION TABLE

DIMENSIONS	1	mm	0.03937	inch
	25.4	mm	1	inch
FORCE	1	N	0.22481	pound
	4.448	N	1	pound
MOMENT OF FORCE	1	Nm	8.8495	inch-pound
	0.113	Nm	1	inch-pound



EGER PRODUCTS, INC.

REVISIONS:

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DATE: 8/1/2014

CUSTOMER:

SCALE: NTS

TR291

DRAWN BY: E. GREEN

DWG. OUTDOOR STATION POST INSULATOR

APPROVED BY:

MATERIAL: