

**CHARACTERISTICS/TESTS**

In accordance with ANSI C29.9

Glaze: Light-grey Munsell Notations N°70  
 Approximate weight 123.5 lbs

**DIMENSIONS**

Minimum leakage distance 99 in

**MECHANICAL VALUES**

Cantilever breaking strength, upright 1700 lbs  
 Cantilever breaking strength, underhung 1700 lbs  
 Tensile breaking strength 25000 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 610 kV  
 Power frequency wet, withstand 230 kV  
 Impulse dry, wave 1.2/50 - withstand, positive polarity 550 kV

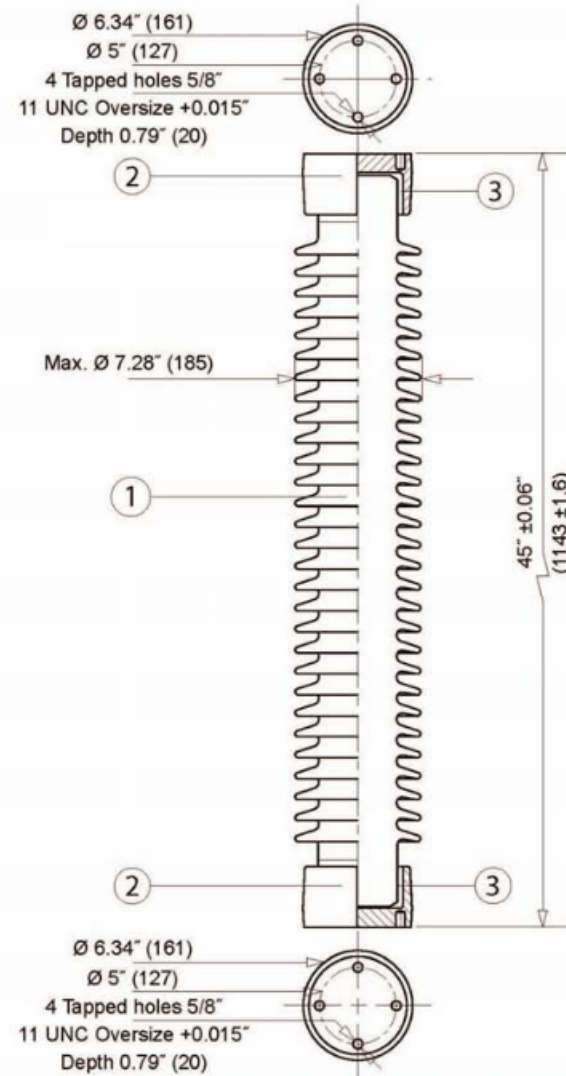
Test voltage 73 kV  
 Maxi RIV at 1 MHz 200  $\mu$ V

**GENERAL TOLERANCE**

$\pm (0.04d + 0.06)$  in., if  $d \leq 11.8$  in.  
 $\pm (0.025d + 0.24)$  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

TR286

DRAWN BY: E. GREEN

DWG. OUTDOOR STATION POST INSULATOR

APPROVED BY:

MATERIAL: