

CHARACTERISTICS/TESTS

In accordance with ANSI C29.9

Glaze: Light-grey Munsell Notations N°70
 Approximate weight 261.8 lbs

DIMENSIONS

Minimum leakage distance 99 in

MECHANICAL VALUES

Cantilever breaking strength, upright 5000 lbs
 Cantilever breaking strength, underhung 5000 lbs
 Tensile breaking strength 40000 lbs
 Torsional breaking moment 120000 in.lbs
 Compression breaking strength 120000 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

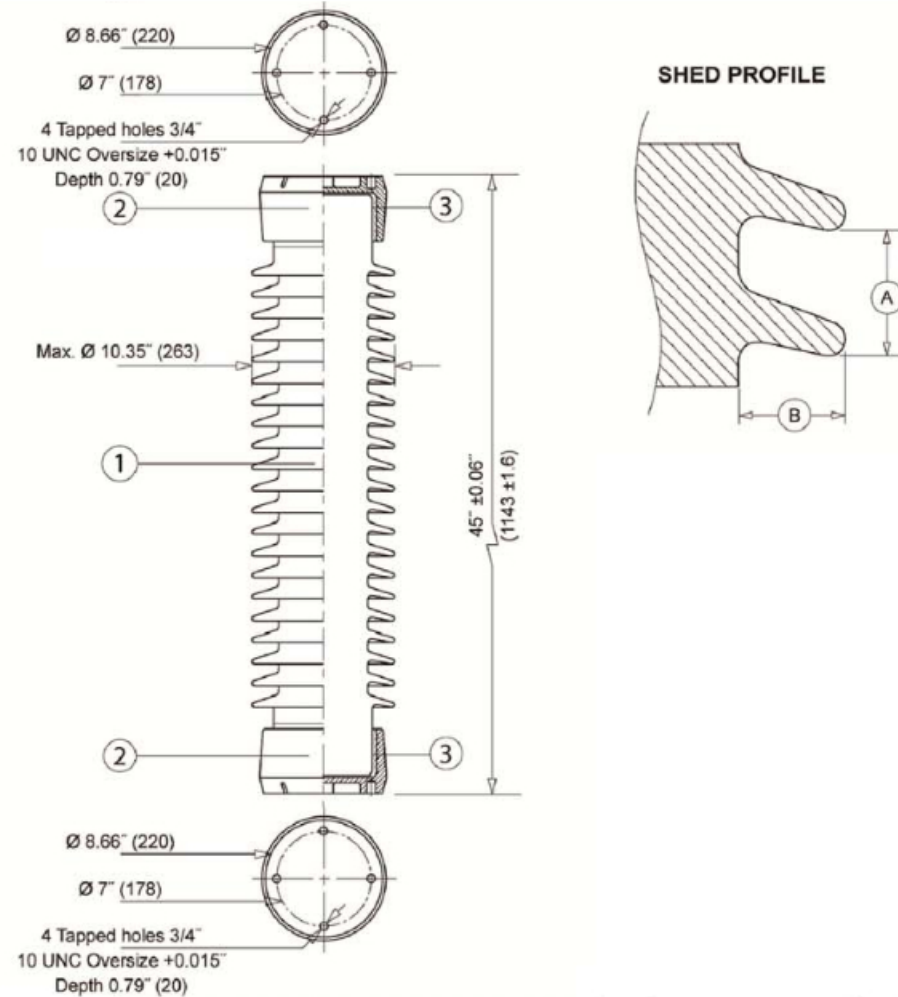
Test voltage 73 kV
 Maxi RIV at 1 MHz 200 μV

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



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REVISIONS:

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DATE: 8/1/2014

CUSTOMER:

SCALE: NTS

550EU EXTRA HIGH STRENGTH

DRAWN BY: E. GREEN

DWG. OUTDOOR STATION POST INSULATOR

APPROVED BY:

MATERIAL: