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File: PSS-L1601PC-T1

35kV	200A Bushing Well	L1601PC-T1
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Features:

- 35kV, 200 Amp
- Conductive shield made of molded conductive EPDM makes positive ground contact with EPDM flange of bushing insert.
- Stainless steel flange resists corrosion and can be externally clamped or welded to apparatus.
- Epoxy structure with exceptionally high physical, electrical, and chemical resistance properties.
- Interface meets ANSI/IEEE 386 dimensional criteria for proper fit of mating parts.

L1601PC-T1

BUSHING WELL (For in- air application)

Applications:

Elastimold L1601-PC-T1-R series bushing wells are designed for in air application, and will universally accept Elastimold non-loadbreak bushing inserts, loadbreak bushing inserts, and the double bushing inserts. These are designed to be directly mounted in electrical apparatus on 200-Amp systems, through 25kV.

Typical applications would be in:

- Pad-mounted transformers
- Vault-type transformers
- Submersible transformers
- Switchgear

These bushing wells are available in shank lengths varying from 2.75" to 9.25" for either cover or side-mount installations. They are molded of epoxy and have a stainless steel flange for welding or externally clamping to the apparatus. A conductive rubber shield at the mating surface with connecting devices provides a fully-shielded, cable-to-apparatus connection. Reference Applicable Elastimold welding guide.

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

For 35kV Voltage Class:

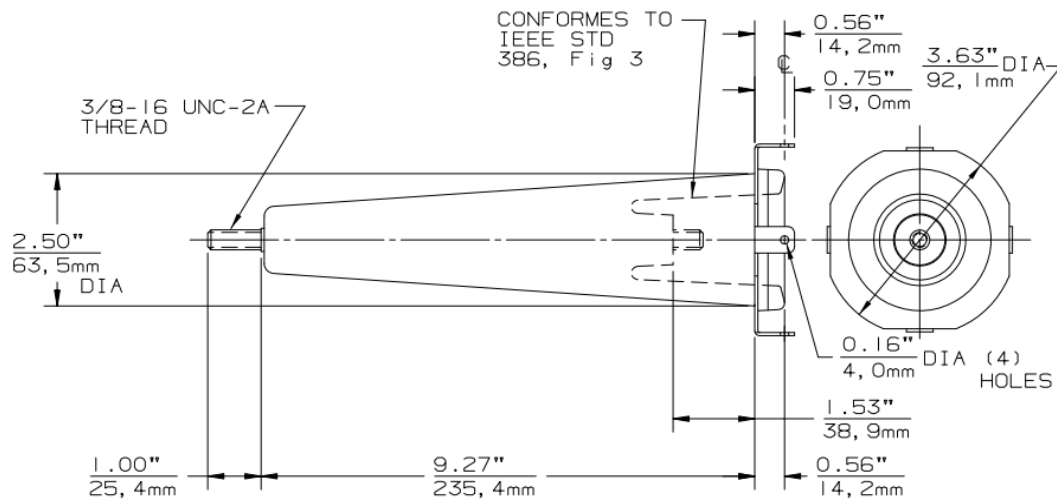
21.1kV Max Phase-to-Ground – Operating Voltage
 36.6kV Max Phase-to-Phase
 150kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 50kV AC – One minute withstand
 103kV DC – 15 minutes withstand
 26kV AC – Corona Extinction @ 3pC sensitivity
 600 Amps – Continuous
 25kA Sym – 10 Cycles Momentary

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Ordering Instructions

To order a bushing well for in-air application through 35kV, select the shank length ("A" dimension) required and specify the style number shown below:

STYLE NUMBER	"A" SHANK LENGTH
L1601PC-T1	9.25"
L1601PC-T1-R	9.25"

Example:

The ordering number for a bushing well in-air with a shank length of 9.25" and permanent stud is L1601PC-T1-R.

Note:

The bushing well is also available in removable stud well design "-R".

Each kit contains the following:

1	Epoxy Long Shank Well	L1601PC-T1
1	Silicone Lubricant	82-08
1	Instruction Sheet	IS-0061