

**DCA313 Lead End  
Extra Kapton**

**TS-SSC 91-157  
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Since the measured inner diameters<sup>1</sup> in the coil straight section region (.25, 1.0 and 2.0 inch positions) is significantly smaller for the DCA313 lead end insulators, and since the Cordax measurements<sup>2</sup> of these parts show them to be in general much closer to the specified drawing dimensions (see 0102-MB-292085, 292087, 292088, and 292089), I recommend proceeding with an installation using only the nominal kapton insulator layers around the end clamp region.

Position (inches from collar laminations)	DCA310		DCA311		DCA312		DCA313	
	I-III	II-IV	I-III	II-IV	I-III	II-IV	I-III	II-IV
0.25	-1	-5	-5	-2	-2	+1	-12	-8
1.0	-5	-9	-8	-5	-3	+1	-15	-11
2.0	-4	-6	-6	-4	0	+4	-10	-6
3.0	0	-4	-3	-2	+1	+4	-8	-6
4.0	+1	-2	-1	-1	+4	+5	-6	-3
5.0	+3	-1	+1	0	+5	+5	-5	-1
6.0	+5	-1	+2	+1	+5	+5	-5	-1

Table 1. Deviations of the Lead End Collet Insulator Inner Diameters from Nominal 3.948" (Deviations are given in mils.)

<sup>1</sup>Traveller 0102-ES-298290 Rev B, step 1.14.

<sup>2</sup>Routing forms no. 44288, 44289, 44286, 44287.