EasyBraid
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Objective: Evaluate the charge generation of the bobbin sample casing using ESD-ADV11.2-1995, a test procedure that is produced by the ESD Association for examining effects of Triboelectric Charge Accumulation.

Evaluate the Static Decay of the bobbin sample casing using FTMS 101C, a test procedure that is produced by the ESD Association for examining effects of Triboelectric Charge Accumulation.

Test Method: ESD-ADV11.2-1995 and FTMS 101C

Test Equipment: Charge Plate Monitor

Test Conditions: 75°F, 51% Relative Humidity

Results: After testing the bobbin cases per ESD-ADV11.2-1995. Testing shows that the bobbin cases will not produce a charge. This material will also take away a charge within an average of 1.84 seconds.

Float Test			
Sample #	1	2	3
Time Duration	10 seconds	10 seconds	10 seconds
Voltage Average	+2	+0	-5
Voltage AC Power	+3	+4	+3

Decay Test (Positive 5000V)			
Sample #	1	2	3
Time Duration	10 seconds	10 seconds	10 seconds
Starting Voltage	+5000	+5000	+5000
Ending Voltage	+8	+36	+212
T (Seconds)	1.15	2.05	2.30

Decay Test (Negative 5000V)			
Sample #	1	2	3
Time Duration	10 seconds	10 seconds	10 seconds
Starting Voltage	-5000	-5000	-5000
Ending Voltage	-11	-170	-341
T (Seconds)	0.65	2.05	2.85

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