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Inverted Series Suppressor Networks Screening Procedure

REFERENCE: MIL-PRF-19500, JANTX Level

All Inverted Series Suppressor Networks procured shall be 100% screened in accordance with the following procedures, as applicable. Unless otherwise noted, all testing is performed at room temperature. For testing at high and low temperatures, Group A testing is required.

TEST/PROCESS		SPEC/METHOD	CONDITIONS
1	Temperature Cycle	MIL-STD-750/METHOD 1051	Test condition C or maximum storage temperature, whichever less. 20 cycles, 10 minutes per extreme.
2	Initial Electrical Testing	Digitron Datasheet	Per device detail specification.
3	Power Burn-in	MIL-STD-750/METHOD 1038	Condition B, 96 hours minimum.
4	Final Electrical Testing	Digitron Datasheet	Per device detail specification.
5	Delta Calculation		Per device detail specification.
6	PDA Calculation		10 percent defective allowed.
7	Seal Test Gross Leak	MIL-STD-750 Method 1071	Hermetic parts only.

Notes:

1. Testing varies in accordance with the device detail specification.
2. Specific customer testing needs may be accommodated into any testing flow (selection tests, temperature requirements, special tests).