

DATE 3-10-59

H. 1 OF 5

COMPILED BY

TMC SPECIFICATION NO. S 415

TITLE: TEST PROCEDURE FOR THE MODEL TER-5000 -70U

JOB A

APPROVED SG

INSTRUCTION FOR THE PRODUCTION TESTING AND THE

MECHANICAL TESTING OF THE MODEL TER-5000 -70U

DATE 3-10-59

SH. 2 OF 5

COMPILED BY

TMC SPECIFICATION NO. S 415

TITLE: TEST PROCEDURE FOR THE MODEL TER-5000-70U

JOB A

APPROVED SG

INDEX

1. Purpose and Description of Unit
2. Test Equipment Required
3. Test Instructions
4. Mechanical Test

DATE 3-10-59
SH. 3 OF 3
COMPILED BY

TMC

SPECIFICATION NO. S 415

TITLE: TEST PROCEDURE FOR THE MODEL TER-5000 -70U

JOB A

APPROVED

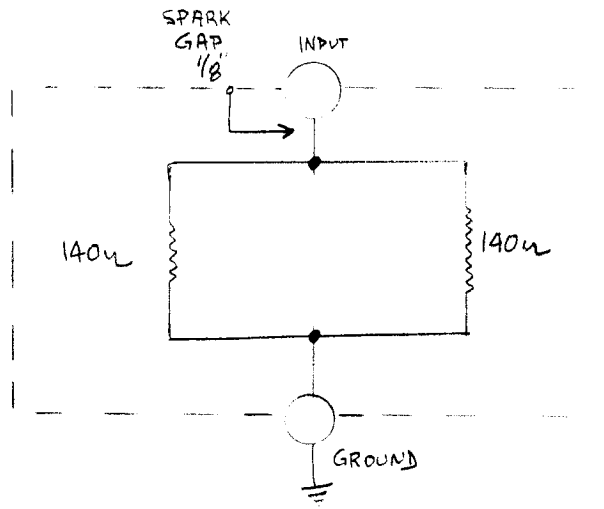
86

PURPOSE AND DESCRIPTION:

Models TER-5000-70U are resistive terminations capable of dissipating R. F. energy from D. C. to 30 megacycles. The units are housed in fiberglass reinforced plastic cases for pole or frame mounting. The case provides protection from the elements and is fitted with screened vent ports for proper air circulation. All metals used are non-ferrous, insulation is of teflon and the entire assembly is protected by a silicone spray. The resistors are of a new design providing a minimum of reactance. The entire resistor assembly is shock mounted in a plastic case and may be quickly removed for service. The resistor characteristics are such that they may be instantly brought up to full rated output power at minus 40 degrees centigrade without harm.

TEST EQUIPMENT REQUIRED:

1. Ohmmeter: Simpson Model 260 or Equivalent
2. Ruler: 6 inches



SCHEMATIC

DATE 3-10-59

SH. 4 OF 5

COMPILED BY

TMC SPECIFICATION NO. S 415

TITLE: TEST PROCEDURE FOR THE MODEL TER-5000-70U

JOB A

APPROVED

TEST INSTRUCTIONS:

ELECTRICAL AND MECHANICAL:

1. Check resistance of the two resistors. The resistance should be $\pm 10\%$ of value stamped on resistor.
2. Check the spacing of the spark gap. This should be set for $1/8"$ spacing.
3. Inspect resistors for any sign of damage in installation.
4. Check all mechanical connections to see that they are secure.
5. Check over all unit for any missing hardware.

DATE 3-10-59

SH. 5 OF 5

COMPILED BY
TFG

TMC

SPECIFICATION NO. S 415

TITLE: TEST PROCEDURE FOR THE MODEL TER-5000-70U

JOB A

APPROVED 16

TEST DATA SHEET

TER-5000-70U

SERIAL NUMBER _____

1.0 MECHANICAL INSPECTION _____

2.0 ELECTRICAL INSPECTION _____

DATE _____

TESTED BY _____

