

Western Electric 111C & 119C Transformer Information

WE 111C AND 119C REPEATING COILS

IMPEDANCE RATIO

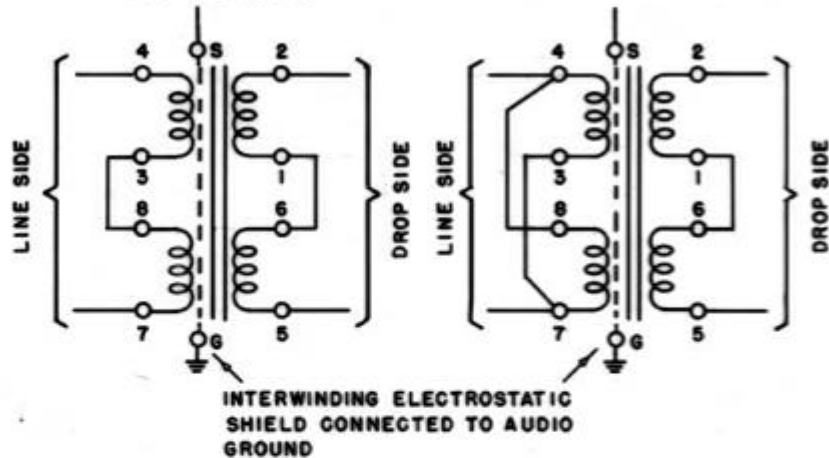
111C 600/600

119C 520/600

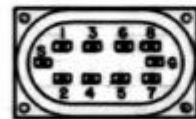
IMPEDANCE RATIO

111C 150/600

119C 130/600

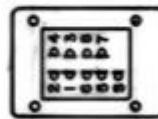
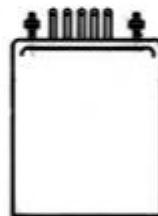


HEIGHT $4 \frac{9}{16}$ MAX
 WIDTH $4 \frac{3}{16}$ MAX
 DEPTH $2 \frac{9}{16}$ MAX



111C REPEAT COIL

HEIGHT $5 \frac{1}{8}$ MAX
 WIDTH $4 \frac{5}{16}$ MAX
 DEPTH $2 \frac{9}{16}$ MAX



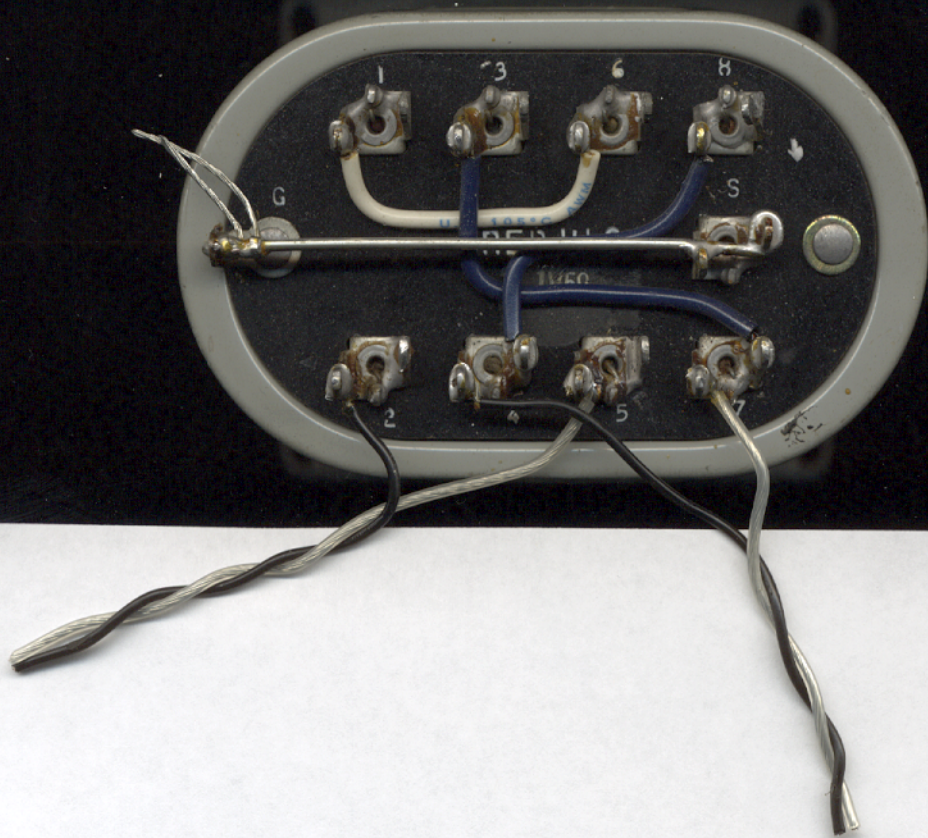
119C REPEAT COIL

FREQUENCY RESPONSE
 ± 0.5 DB 30 TO 15,000 CYCLES

FOR IMPEDANCE MATCHING, ISOLATION, AND
 LINE-TO-LINE APPLICATIONS.

MAXIMUM LEVEL + 30 DBM AT 30 CYCLES

NOTE: DBM APPLIES TO A 1 MILLIWATT
 REFERENCE LEVEL ACROSS 600 OHMS



660 Ω
TO
EQUIPMENT

150 Ω
TO
LINE

111C and 119C REPEATING COILS

Toroidal type line repeating coils designed for dependable impedance matching applications and for line isolation at line circuit transfer points.

They are intended for use with amplifiers for program transmission over long or short cable or open wire circuits equipped with proper loading.

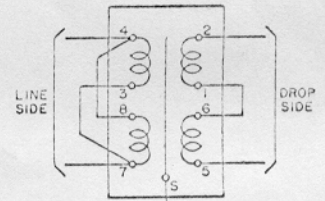
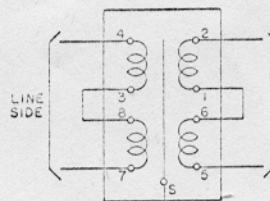
111C AND 119C REPEATING COILS

CONNECTIONS FOR
TYPICAL USE
BETWEEN 600Ω CIRCUITS

CONNECTIONS FOR
TYPICAL USE
FOR CABLE CIRCUITS & SHORT LINES

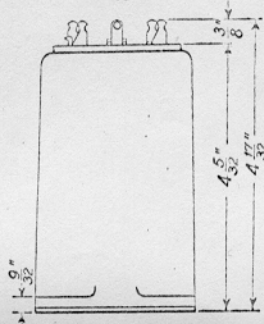
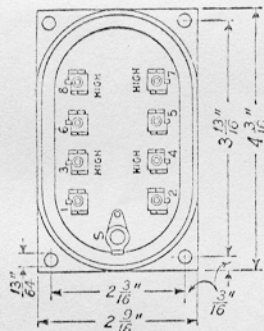
IMPEDANCE RATIO
111C 600Ω:600Ω
119C 520Ω:600Ω

IMPEDANCE RATIO
111C 150Ω:600Ω
119C 130Ω:600Ω

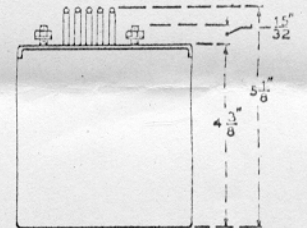
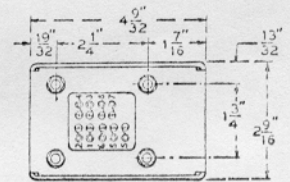
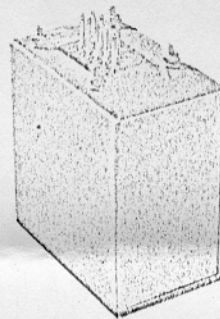


INTERWINDING ELECTROSTATIC
SHIELD CONNECTED TO AUDIO
GROUND.

111C Repeating
Coil



119C Repeating
Coil



Specifications

FREQUENCY RANGE
INSERTION LOSS
MAXIMUM POWER CAPACITY
AT 30 CYCLES

30-15000 cycles
Less than 0.5 db
1.1 watts (+30 dbm)

111C REPEATING COIL

DIMENSIONS
WEIGHT
MOUNTING
FINISH

2-9/16" x 4-3/16" x 4-17/32"
4 1/2 pounds
Flat base for board or panel mounting.
Mounting holes to clear #8 machine screw.
Gray enamel