

C. Westoby 11-30-90
APPROVED/DATE

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REV

SAFETY ORGANIZATION(S):

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL RECOGNIZED
CSA CERTIFIED (PENDING)
VDE APPROVED (PENDING)

UL 1283
CSA 22.2, NO. 0, 0.4, 8
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
6 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
50-60Hz

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
.50 mA @ 120V 60 Hz
.83 mA @ 250V 50 Hz

OPERATING AMBIENT TEMP. RANGE:

-10°C TO +40°C @ RATED CURRENT, I_r
IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:
-40°C TO +85°C
HUMIDITY:
21 DAYS @ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

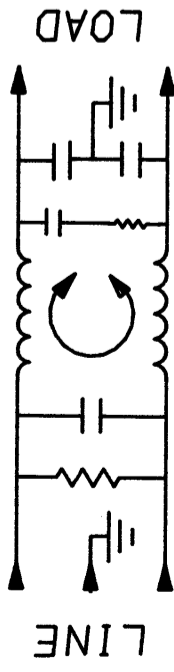
INDUCTANCE:
DISCHARGE RESISTOR
330K Ω
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
20°C AND 50% RH
CAPACITANCE: (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C \pm 1°C)
LINE TO GROUND:
.0055 μ F \pm 20%
LINE TO LINE:
1.08 μ F \pm 20%
.516 mH NOMINAL

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:
2250 VDC FOR 1 MINUTE
LINE TO LINE:
1450 VDC FOR 1 MINUTE

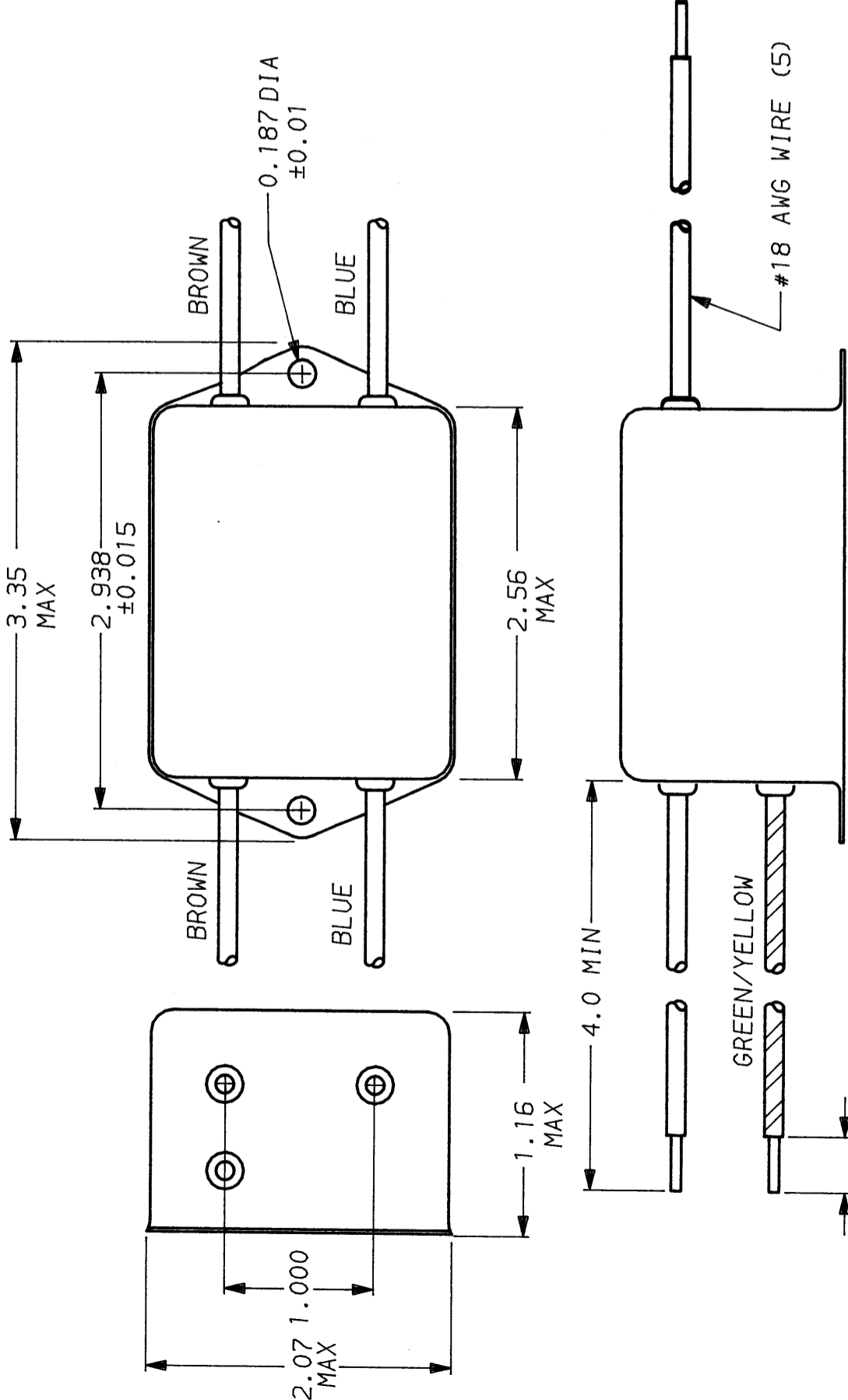
FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



FREQUENCY MHz	50 Ω - 50 Ω (MINIMUM) INSERTION LOSS							
	.15	.5	1	2	5	10	20	30
COMMON dB	10	22	31	38	45	50	52	52
DIFF. dB	20	49	60	60	65	61	61	61

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CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE: NTS
DATE: 11-5-90
DRG. NO.: 6VDK3.00
ORIGINATOR: CFW
REV.: CFW

TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES \pm 1°
ENGLISH: \pm .025
METRIC: \pm _____
MATERIAL: AS SUPPLIED
FINISH: AS SUPPLIED