

C. Westoby 11-30-90  
APPROVED/DATE

0  
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:  
10 AMP., 120/250 VAC  
8 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:  
.495 mH NOMINAL  
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)  
LINE TO GROUND:  
.0055µF ±20%  
LINE TO LINE:  
1.08µF ±20%  
DISCHARGE RESISTOR  
330KΩ  
LINE/GROUND AND LINE/LINE  
INSULATION RESISTANCE  
6000 MΩ (MIN) AT 100 VDC  
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOUT:

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

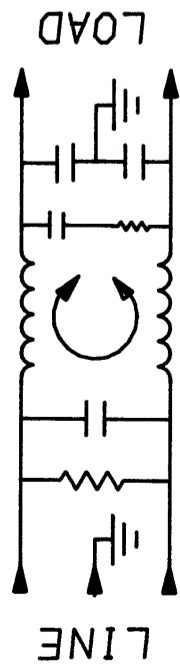
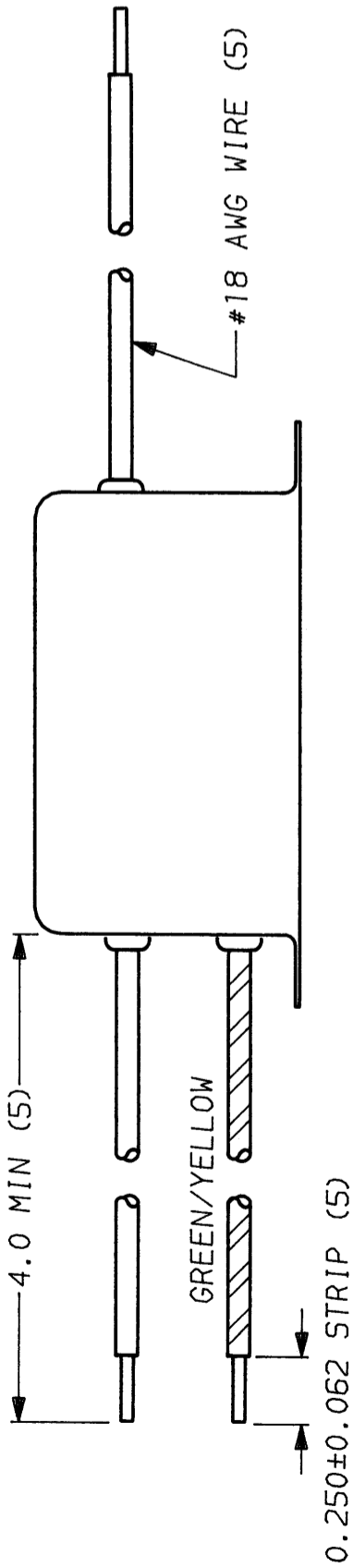
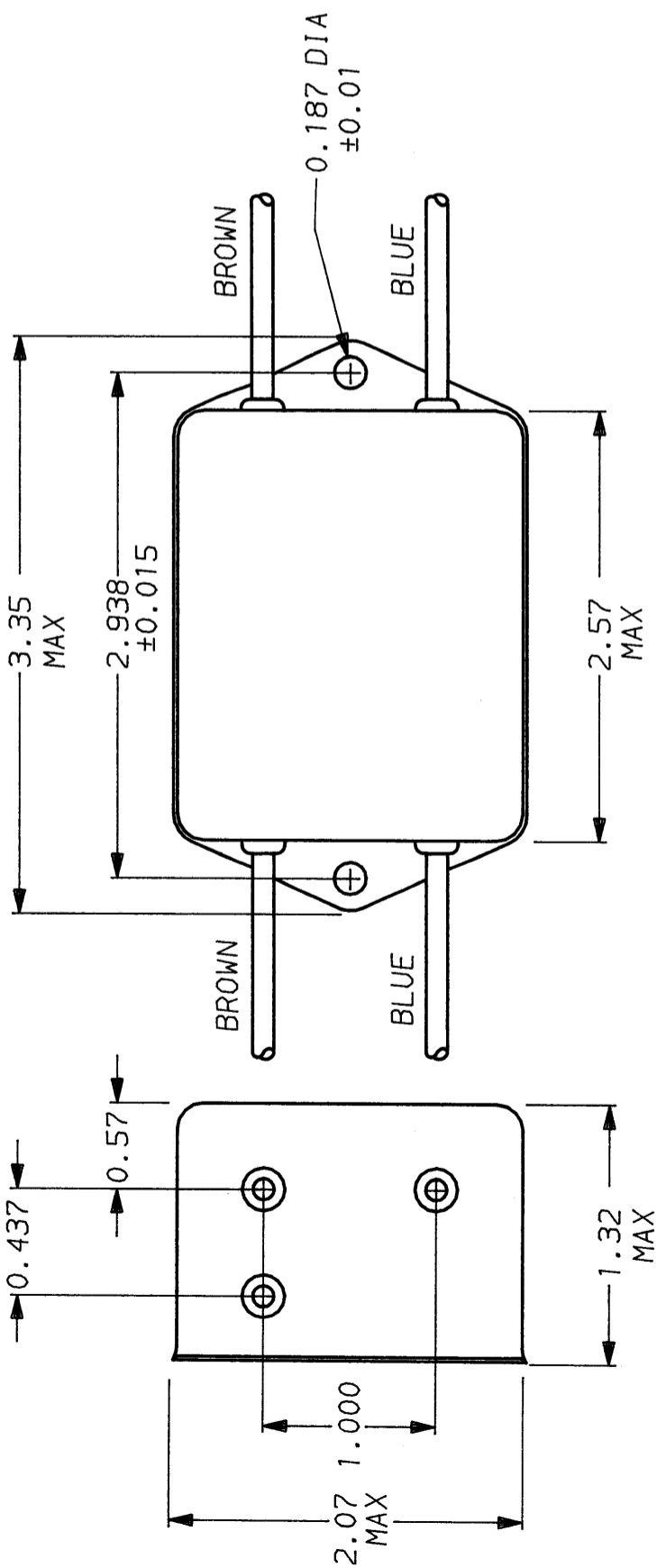
FILTER APPROVAL:

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

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.5	1	2	5	10	20	30
COMMON dB	10	22	30	38	43	46	50	50
DIFF. dB	20	43	55	62	70	72	60	60

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TOLERANCE EXCEPT AS NOTED  
DECIMAL: .XXX .XX .X ANGLES  
ENGLISH: ±.025 .X ±1.  
METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED

**CORCOM**  
LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE	DATE	DRG. NO.	REV.
NTS	11-5-90		1
DRW. BY	ORIGINATOR		
CFW	CFW		

10VDK3.00

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