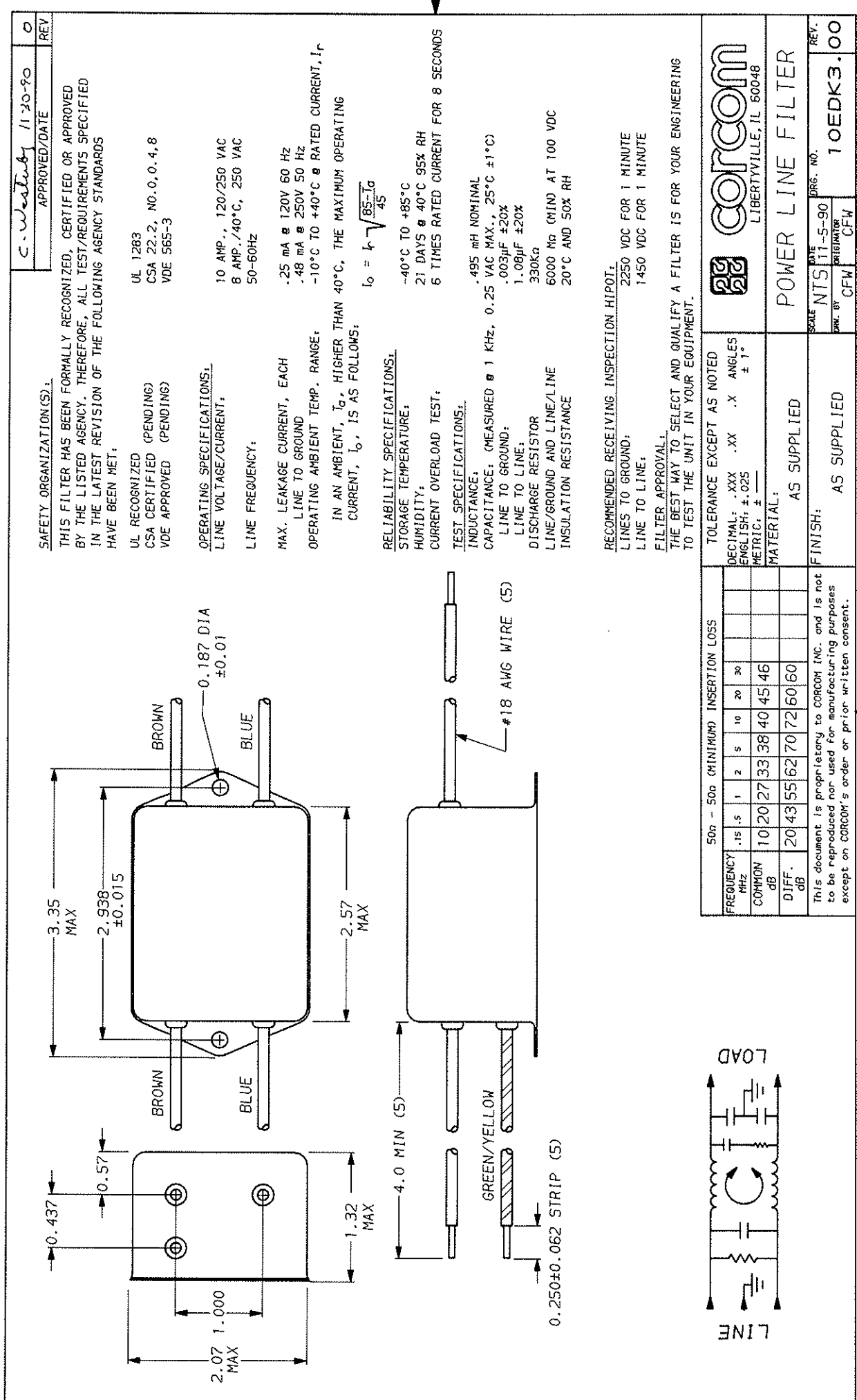




SAFETY ORGANIZATION(S):

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 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
.25 mA @ 120V 60 Hz
.48 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:
.003µF ±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:

LINE 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 - 50p (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.15	.5	1	2	5	10	20	30			
COMMON dB	10	20	27	33	38	40	45	46			
DIFF. dB	20	43	55	62	70	72	60	60			

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

POWER LINE FILTER

corcom
LIBERTYVILLE, IL 60048

DATE: 11-5-90
REV. NO. 10EDK3.00
CFW

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[10EDK3](#) [6609033-8](#)