



1 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING
PER D.RENAUD/D.SINISI

1 OBSOLETE 6609003-3
4609003-3



*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212).

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
VDE APPROVED

UL 544
CSA 22.2, NO.0,0.4,8
VDE 0565-3, 0625

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT, 6 AMP., 120/250 VAC
6 AMP./40°C, 250 VAC
LINE FREQUENCY, 50-60Hz
MAX. CASE RISE @ RATED CURRENT, 30°C
MAX. LEAKAGE CURRENT, EACH 2µA at 120V 60 Hz
LINE TO GROUND 5µA at 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, .465 mH NOMINAL
CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND, ZERO
LINE TO LINE, .047µF ±20%
DISCHARGE RESISTOR, 1.5 MΩ
LINE/GROUND AND LINE/LINE 6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE 20°C AND 50% RH
(W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND, 1500 VAC 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.

50n - 50p (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.10	.15	.50	1	5	10	30					
COMMON dB	5	8	17	20	24	23	18					
DIFF. dB	-	1	10	18	30	31	31					

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

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE NTS DATE 9-19-91 DRG. NO. 6EBH1 REV. B1
DRW. BY CFW ORIGINATOR CFW