

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
- UL RECOGNIZED
- CSA 22.2, NO.0,0.4,8
- CSA CERTIFIED
- VDE 565-3
- VDE APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 3 AMP., 120 VAC
- 2 AMP./40°C, 250 VAC
- 50-60Hz
- LINE FREQUENCY: .3mA @ 120V 60Hz
- MAX. LEAKAGE CURRENT, EACH .5mA @ 250V 50Hz
- LINE TO GROUND
- 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: -25°C +85°C
- HUMIDITY: 21 DAYS @ 40°C 95% RH
- CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

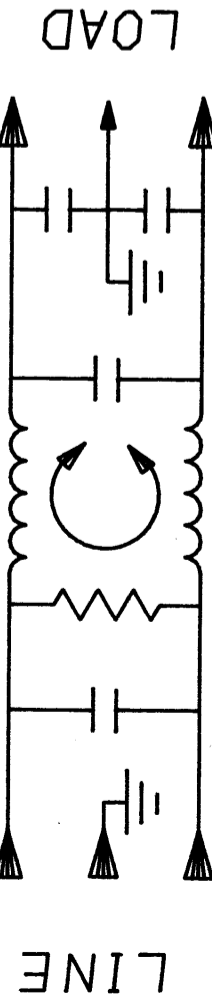
- INDUCTANCE: 2.3mH NOMINAL
- CAPACITANCE: C MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C
- LINE TO GROUND: .004μF ±20%
- LINE TO LINE: .37μF ±20%
- DISCHARGE RESISTOR: 820KΩ
- LINE/GROUND AND LINE/LINE: 6000 MΩ (MIN) AT 100 VDC
- INSULATION RESISTANCE: 20°C AND 50% RH
- (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

- 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	75	100	150	200	300	500	1000	1500	2000	3000	5000	10000
COMMON	3	14	17	24	40	46	44	44	46	46	46	46	46
DIFF. dB	-	-	5	34	60	65	64	45	50				

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

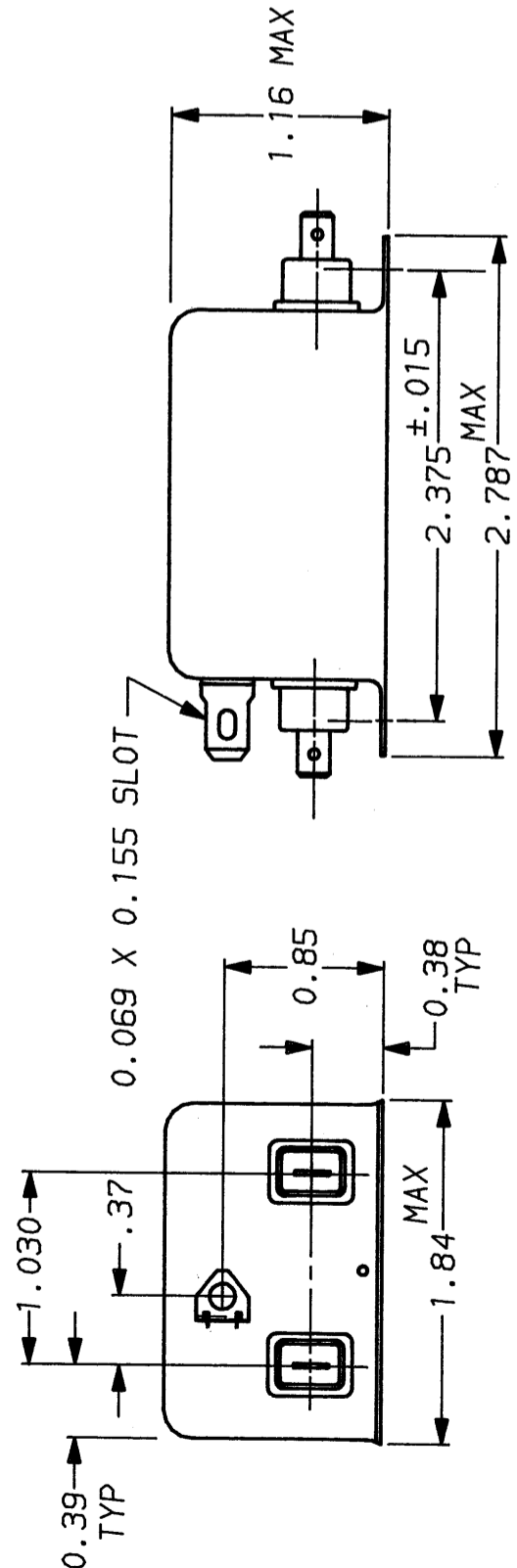
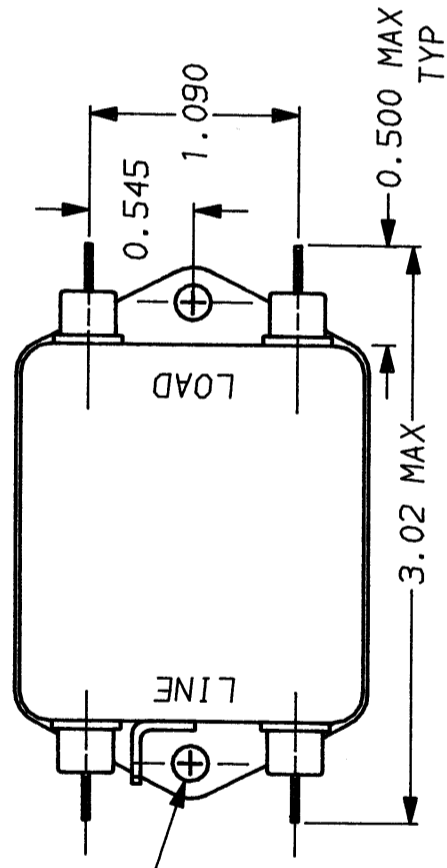
MATERIAL: AS SUPPLIED

FINISH:



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	5-12-88	3EX1.02	
DRW. BY	ORIGINATOR		
TDL	CW		



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