

C. Westub 5-21-92
APPROVED BY/DATE
REV 6

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
SEV APPROVED

UL 1283
CSA 22.2, NO. 0.0.4.8
VDE 565-3
SEV 1055/TP1977/S.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

6 AMP., 120/250 VAC
5 AMP./40°C, 250 VAC
50-60Hz
40°C

LINE FREQUENCY:

MAX. CASE RISE & RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

.25mA at 120V 60 Hz
.48 mA at 250V 50 Hz
-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:
HUMIDITY:
CURRENT OVERLOAD TEST:

-40°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
CAPACITANCE, MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C

7.8 mH NOMINAL
.005μF ±20%
.54μF ±20%
330 KΩ
5000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

LINE TO GROUND,
LINE TO LINE,
DISCHARGE RESISTOR
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE

RECOMMENDED RECEIVING INSPECTION HIPOT:

2250 VDC FOR 1 MINUTE
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.

TOLERANCE EXCEPT AS NOTED

DECIMAL, .XXX .XX .X ANGLES
ENGLISH, ±.025 ±1°
METRIC, ±

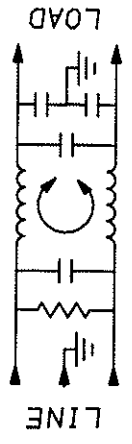
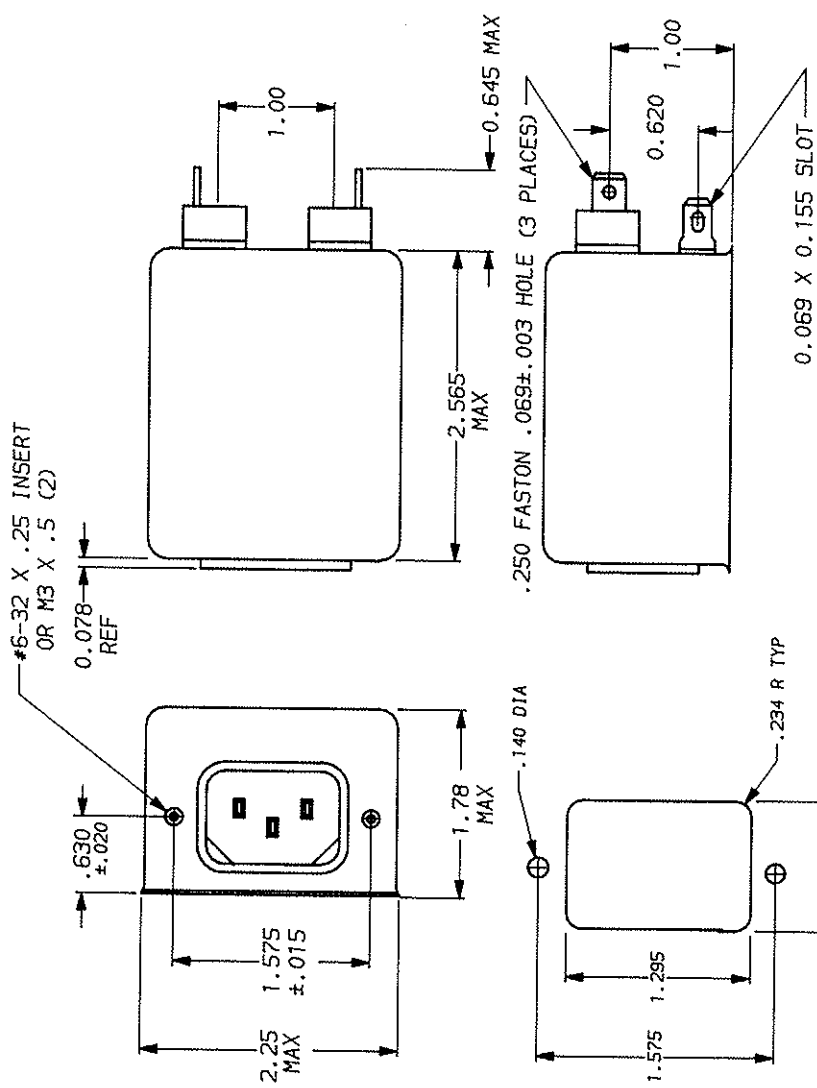
MATERIAL:

AS SUPPLIED
AS SUPPLIED

FINISH:

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50Ω - 50Ω (MINIMUM) INSERTION LOSS		FREQUENCY		COMMON		DIFF.		50Ω - 50Ω (MINIMUM) INSERTION LOSS		FREQUENCY		COMMON		DIFF.	
.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30	.01	.02	.05	.08
7	13	21	29	30	33	42	42	42	42	42	42	36	27	27	27
1	1	2	3	10	25	59	65	62	40	40	40	40	40	40	40



POWER LINE FILTER

DATE	REV.	DATE	REV.
9-12-89	6	9-12-89	6
DESIGN	CH	DESIGN	CH
TDL		TDL	