

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
- UL 1283
- CSA CERTIFIED
- CSA 22.2, NO.0,0.4,8
- VDE APPROVED
- VDE 565-3

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 6 AMP., 120/250 VAC
- 5 AMP./40°C, 250 VAC
- 50-60Hz
- 40°C
- LINE FREQUENCY: .5 mA at 120V 60 Hz
- MAX. CASE RISE & RATED CURRENT: 1.0 mA at 250V 50 Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: -10°C TO +40°C & RATED CURRENT, I_r
- OPERATING AMBIENT TEMP. RANGE: 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: 7.8 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
- LINE TO GROUND: .011μF ±20%
- LINE TO LINE: .54μF ±20%
- DISCHARGE RESISTOR: 330 KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE: 6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON	7	14	22	26	27	33	45	48	48	48	35	30
DIFF. dB	1	1	2	3	10	25	59	65	62	40	40	40

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TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

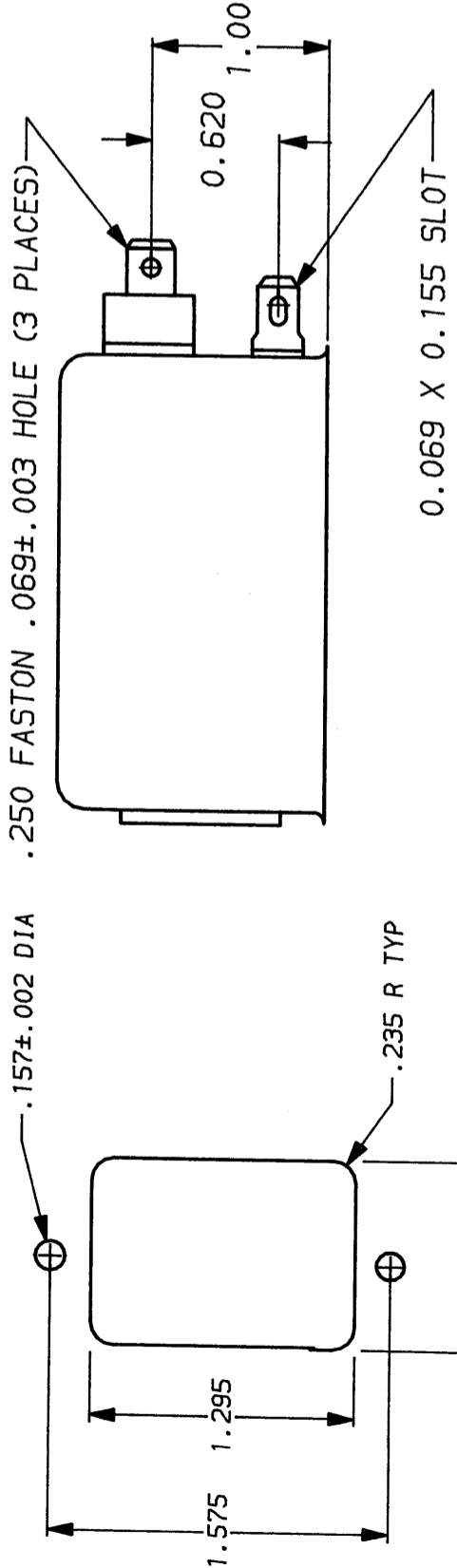
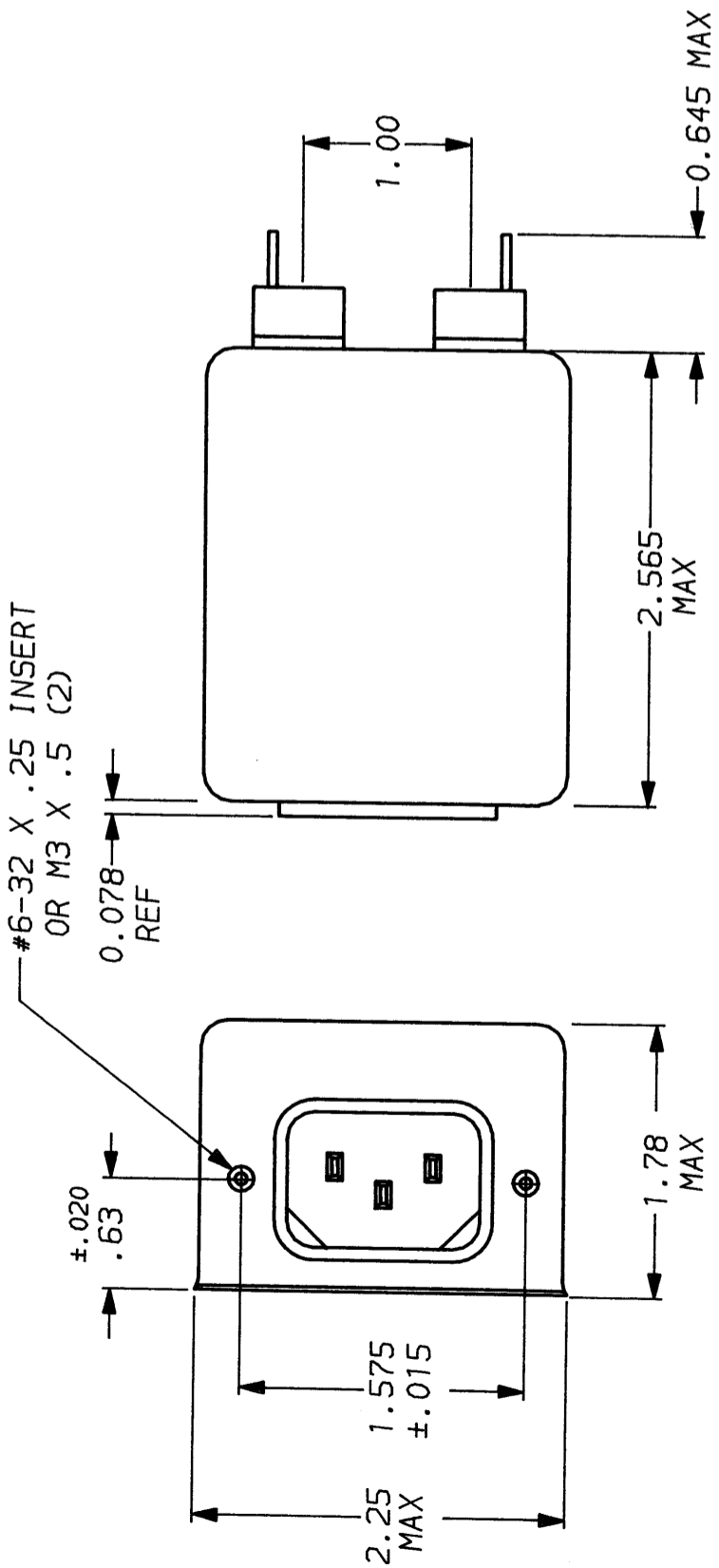
FINISH: AS SUPPLIED



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	8-7-90	6VSK7 & 6VSK7M	6
DRW. BY	ORIGINATOR		
CFW	CFW		



PANEL CUTOUT TOLERANCE ±.005

