

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

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

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

LINE FREQUENCY:

MAX. CASE RISE θ RATED CURRENT:

MAX. LEAKAGE CURRENT, EACH

LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

.5 mA at 120V 60 Hz
1.0 mA at 250V 50 Hz
-10°C TO +40°C θ 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 θ 40°C 95% RH
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

CAPACITANCE: MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C

LINE TO GROUND:

LINE TO LINE:

DISCHARGE RESISTOR

LINE/GROUND AND LINE/LINE

INSULATION RESISTANCE

7.06 mH NOMINAL
VAC MAX., 25°C $\pm$ 1°C
.011 μ F $\pm$ 20%
.54 μ F $\pm$ 20%

330 K Ω

6000 M Ω (MIN) AT 100 VDC

20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:

LINE TO LINE:

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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS													
FREQUENCY MHz	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30	
COMMON dB	6	11	19	24	26	31	50	44	42	42	42	42	
DIFF. dB	1	1	2	3	10	25	59	65	62	40	40	40	

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FINISH:

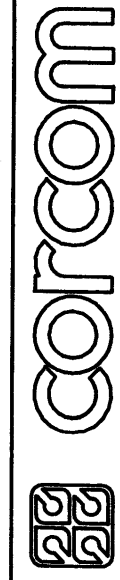
AS SUPPLIED

DECIMAL: .XXX .XX .X ANGLES $\pm$ 1°
ENGLISH: $\pm$.025
METRIC: $\pm$ —

MATERIAL:

AS SUPPLIED

TOLERANCE EXCEPT AS NOTED



LIBERTYVILLE, IL 60048

POWER LINE FILTER

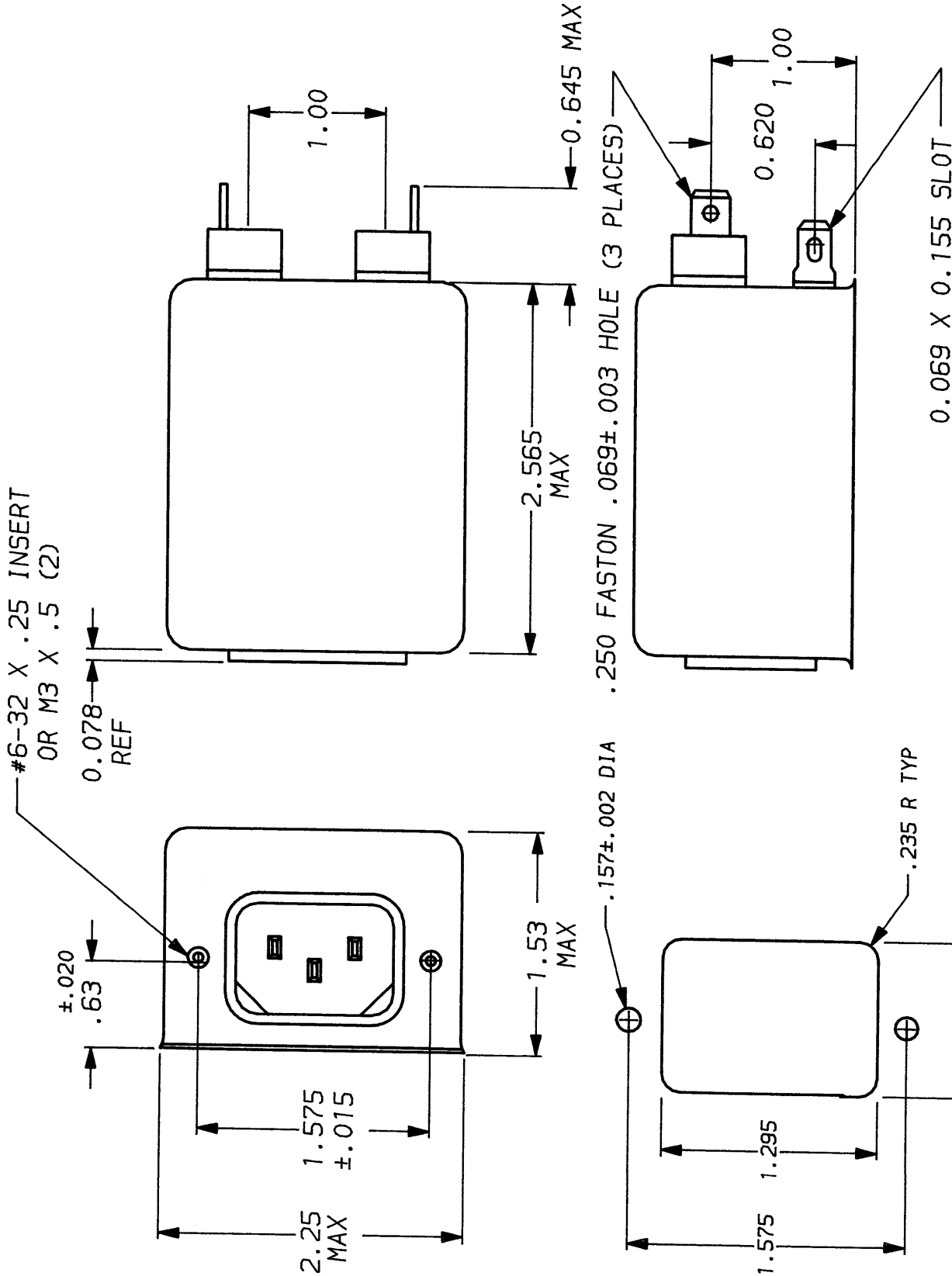
SCALE NTS DATE 8-7-90

DRW. BY CFW ORIGINATOR CFW

DRG. NO. 3VSK7 & 3VSK7M

REV. 6

3VSK7.08



PANEL CUTOUT
TOLERANCE $\pm$.005

