

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:
10 AMP., 120/250 VAC
6 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:
-40°C TO +85°C
HUMIDITY:
21 DAYS θ 40°C 95% RH
CURRENT OVERLOAD TEST:
6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
7.13 mH NOMINAL
CAPACITANCE: MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C \pm 1°C
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR
330 K Ω
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
6000 M Ω (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.

50 Ω - 50 Ω (MINIMUM)		INSERTION LOSS												
FREQUENCY MHz	COMMON dB	DIFF. dB	1	2	3	10	15	20	25	29	30	40	45	50
.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30	40	48	51

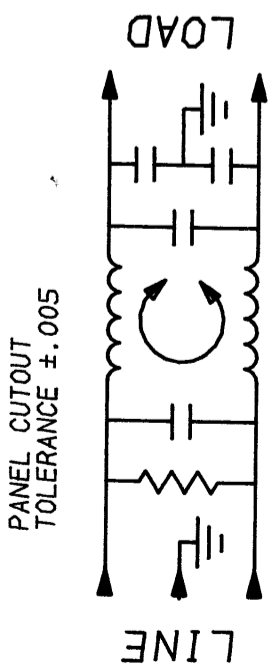
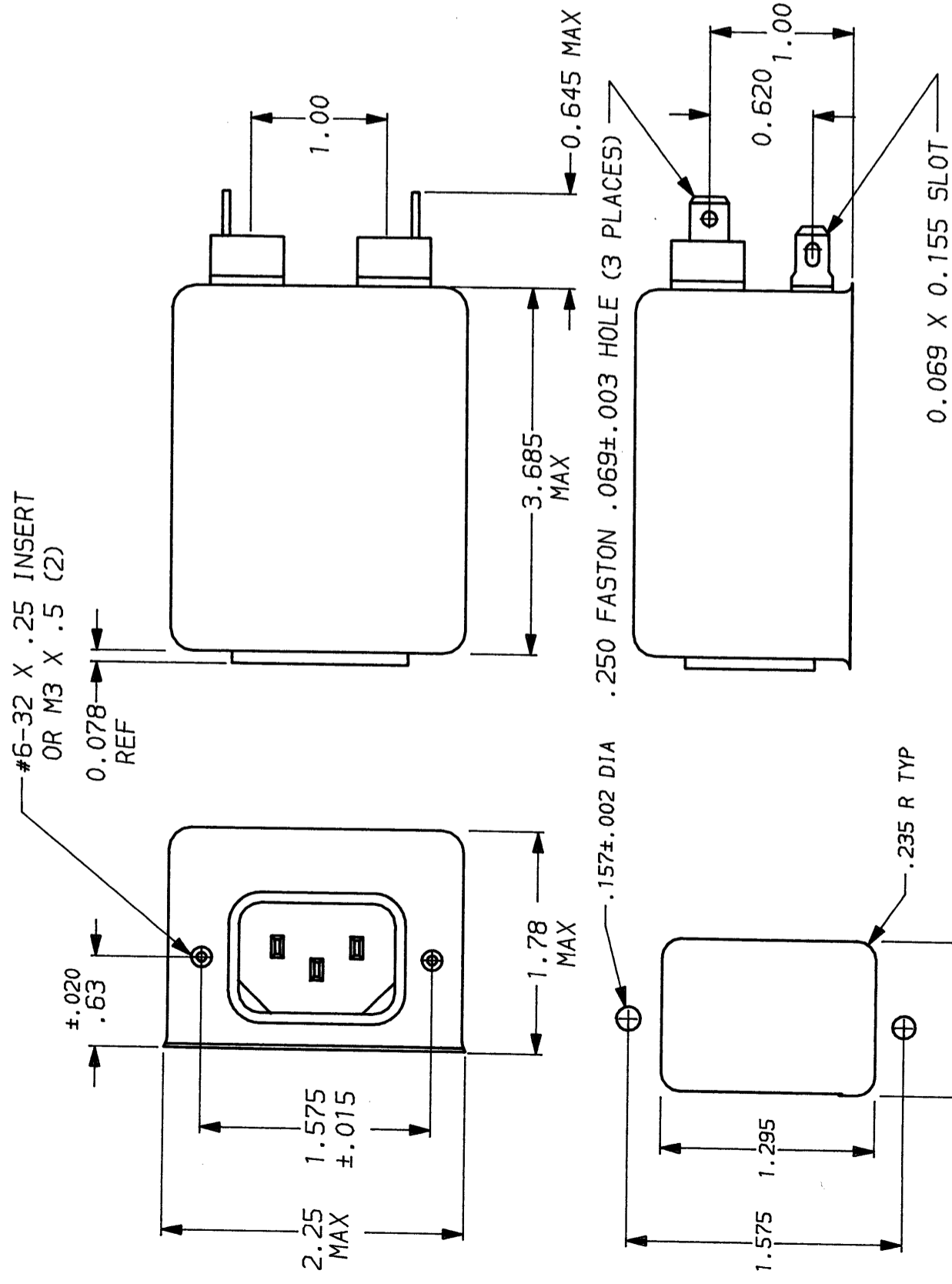
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TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES \pm 1°
ENGLISH: \pm .025
METRIC: \pm —
MATERIAL:
AS SUPPLIED

FINISH:
AS SUPPLIED

CORCOM
LIBERTYVILLE, IL 60048
CORCOM
POWER LINE FILTER

SCALE	NTS	DATE	8-7-90	DRG. NO.	10VSK7 & 10VSK7M	REV.	7
DRW. BY	CFW	ORIGINATOR	CFW				



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Authorized Distributor

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[TE Connectivity:](#)

[10VSK7](#)