

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, 625

OPERATING SPECIFICATIONS:

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

LINE FREQUENCY:

MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
OPERATING AMBIENT TEMP. RANGE:

.3mA at 120V 60 Hz
.5 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:
-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:
18.5 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR
330K 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											
		0.01	0.03	0.05	0.15	0.5	1	2	5	8	10	20	30
COMMON		16	26	30	41	47	44	43	43	40	40	42	42
DIFF.		4	2	14	51	70	70	70	65	50	47	50	55
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TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES
ENGLISH: ±.025 ± 1°
METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

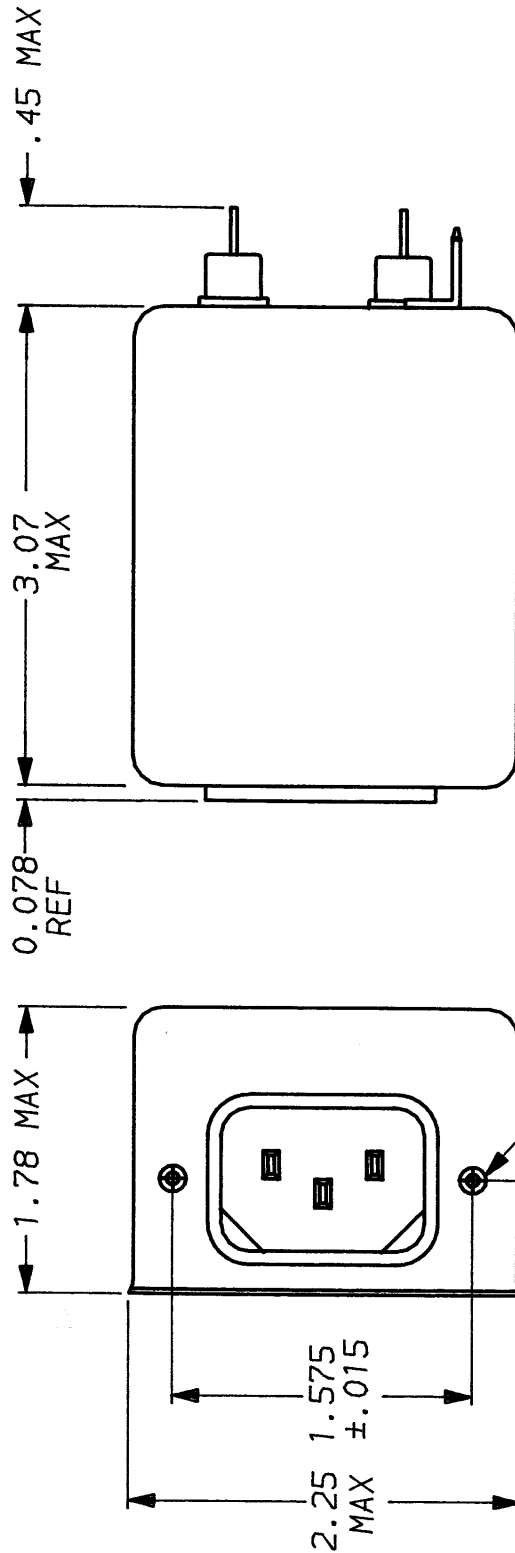
AS SUPPLIED



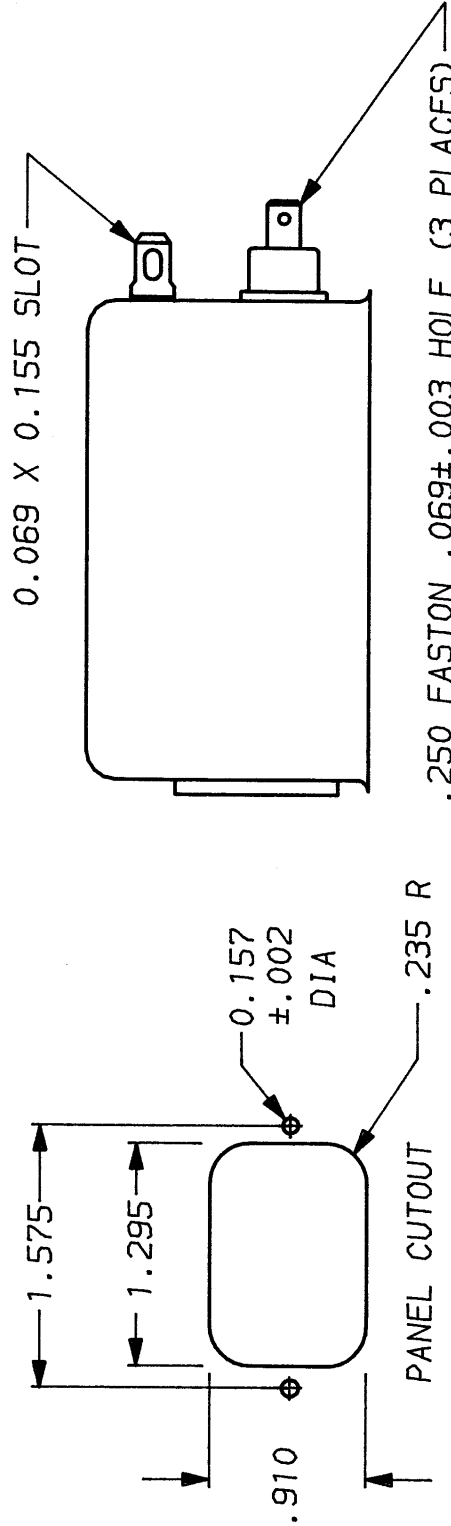
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-26-90	6ET7.03	03
DRW. BY	CFW	ORIGINATOR	CFW

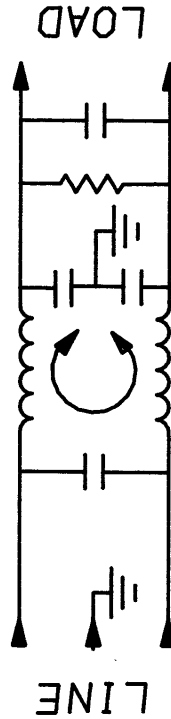


6-32 X 1/4 BLIND INSERT



PANEL CUTOUT

TOLERANCE ±.005



Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6ET7](#) [6609046-6](#)