

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 22.2, NO.0.0.4,8
- VDE APPROVED
- VDE 565-3
- SEV APPROVED
- SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS.

- LINE VOLTAGE/CURRENT, 20 AMP., 120/250 VAC
- LINE FREQUENCY, 16 AMP./40°C, 250 VAC
- MAX. CASE RISE & RATED CURRENT, 50-60Hz
- MAX. LEAKAGE CURRENT, EACH 30°C
- LINE TO GROUND .25mA at 120V 50 Hz
- OPERATING AMBIENT TEMP. RANGE, .40 mA at 250V 50 Hz
- IN AN AMBIENT, I_o , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS, $I_o = I_r \sqrt{\frac{95-I_o}{45}}$

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, .88 mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) .006µF ±20%
- LINE TO GROUND, .301µF ±20%
- LINE TO LINE, 680KΩ
- DISCHARGE RESISTOR 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE 20°C AND 50% RH
- INSULATION RESISTANCE

RECOMMENDED RECEIVING INSPECTION HIPOT.

- LINE 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.

TOLERANCE EXCEPT AS NOTED

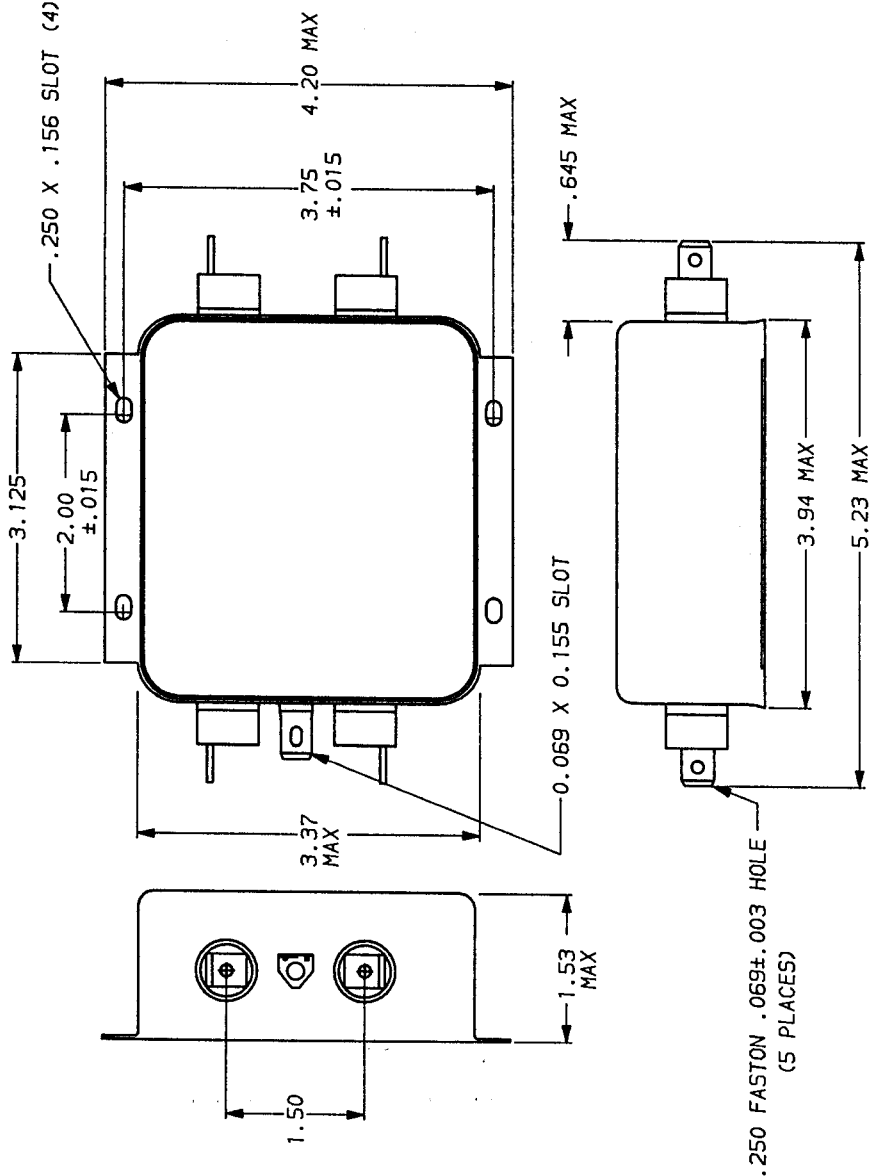
- DECIMAL: .XXX .XX .X ANGLES ± 1°
- ENGLISH: ±.025
- METRIC: ±

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



50a - 50a (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30
COMMON	2	21	36	56	65	65	60	54	50
DIFF. dB	2	3	2	55	65	65	65	55	50

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	ORG. NO.	REV.
NTS	9-12-89		20ER1.04
DRW. BY	TDL	ORIGINATOR	
	CW		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[20ER1](#) [1-6609031-7](#)