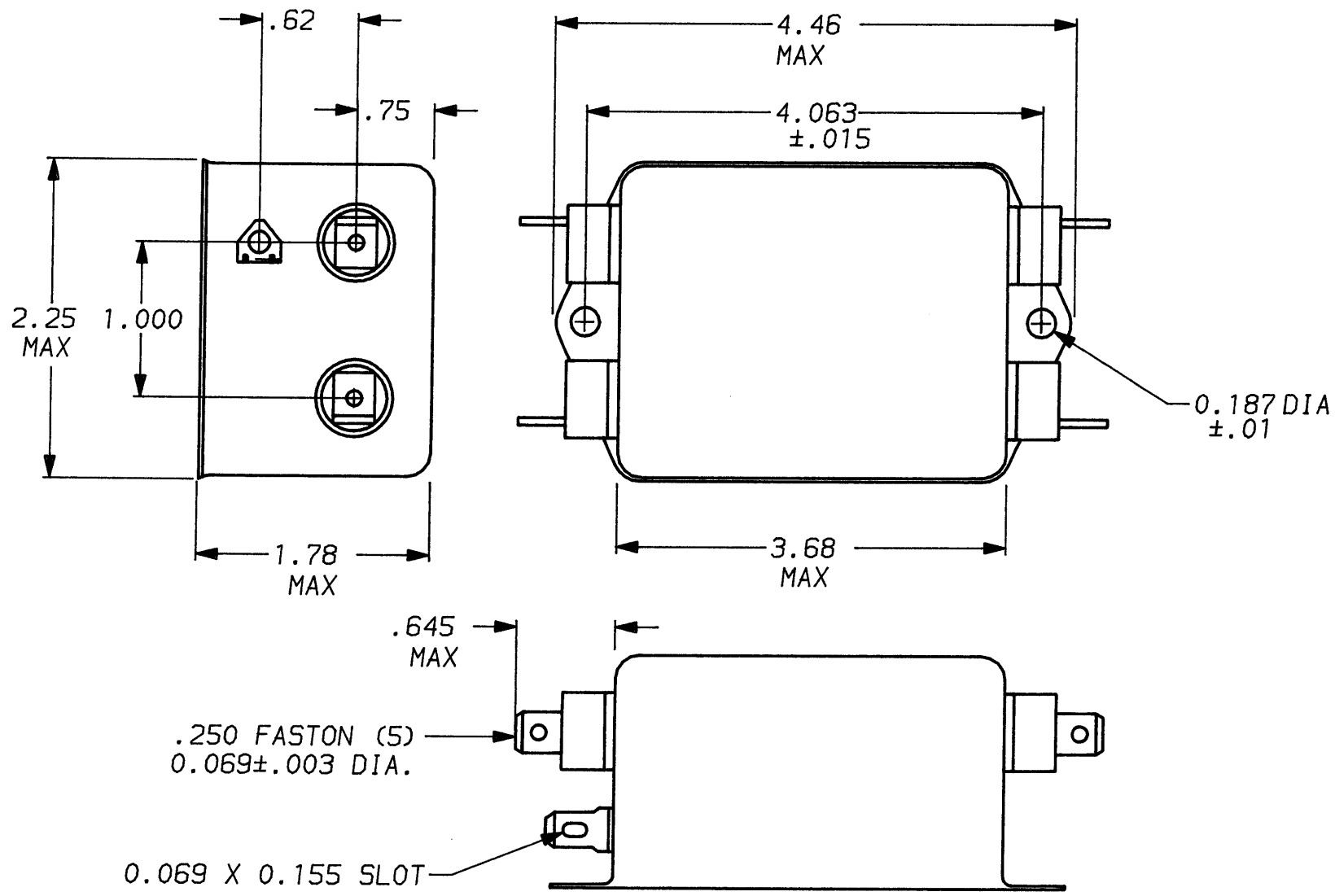
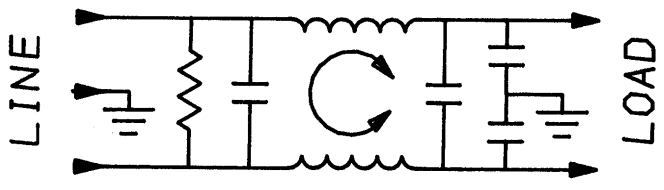
C. Westerby 5-21-92	6
APPROVED BY/DATE	REV





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
	8 AMP./40°C, 250 VAC
LINE FREQUENCY:	50-60Hz
MAX. CASE RISE @ RATED CURRENT:	40°C
MAX. LEAKAGE CURRENT, EACH	.5 mA at 120V 60 Hz
LINE TO GROUND	1.0 mA at 250V 50 Hz
OPERATING AMBIENT TEMP. RANGE:	-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:	7.13 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	6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE	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	.1	.15	.5	1	5	10	20	30
COMMON dB	4	11	20	26	30	44	49	51	52	53	40
DIFF. dB	1	1	2	3	15	59	65	65	50	50	50

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TOLERANCE EXCEPT AS NOTED

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

MATERIAL: AS SUPPLIED

FINISH: AS SUPPLIED

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	8-7-90	10VSK1.	06
DRW. BY CFW	ORIGINATOR CFW		