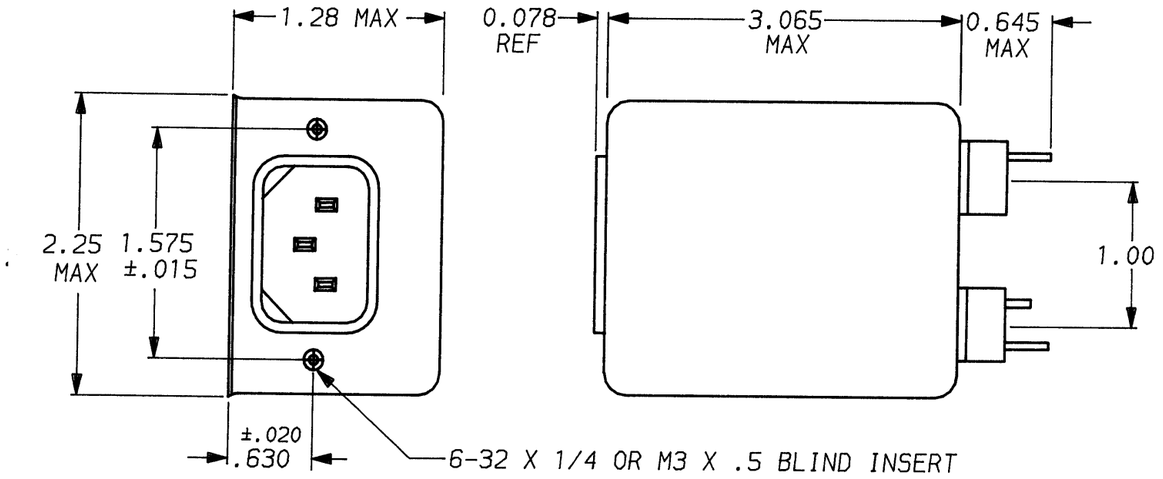
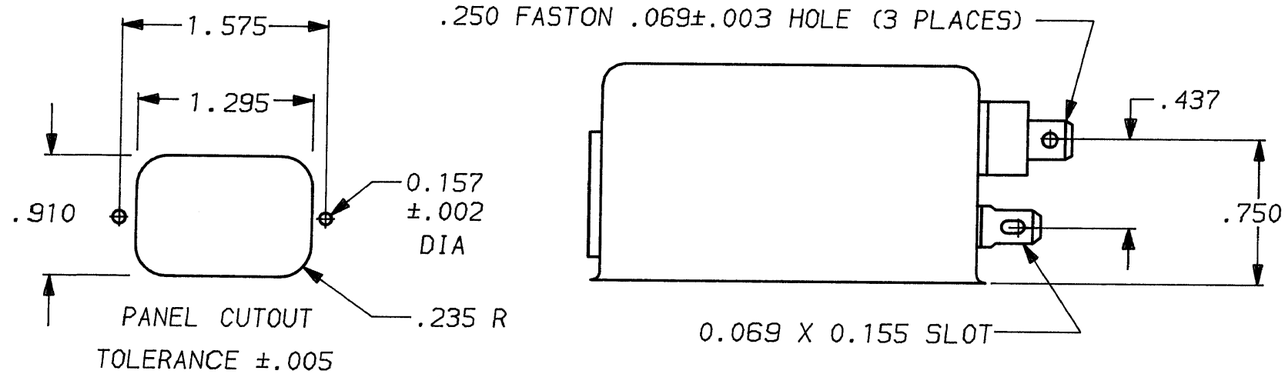
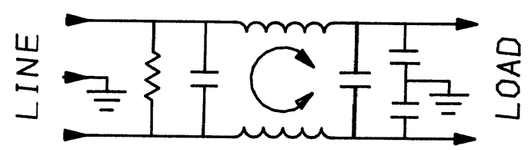
DESCRIPTION	APPROVED BY	DATE	REV
	C. Westlund	5-21-92	5
ECO-09-026495	AEG	09DEC09	6





1 **OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI**



~~1-1609028-6~~	OBSOLETE 1
1-6609028-6	
1-1609028-5	
1-6609028-5	

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
LINE FREQUENCY:	50-60Hz
MAX. CASE RISE @ RATED CURRENT:	40°C
MAX. LEAKAGE CURRENT, EACH LINE TO GROUND	.5 mA at 120V 60 Hz 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:	.495 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)	
LINE TO GROUND:	.011µF ±20%
LINE TO LINE:	.203µF ±20%
DISCHARGE RESISTOR	1.5MΩ
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE	6000 MΩ (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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.5	1	2	5	10	20	30				
COMMON dB	10	25	31	37	45	49	52	53				
DIFF. dB	8	4	35	55	65	65	62	62				

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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	7-31-90	10VK7 & 7M	6
DRW. BY: CFW	ORIGINATOR: CFW		