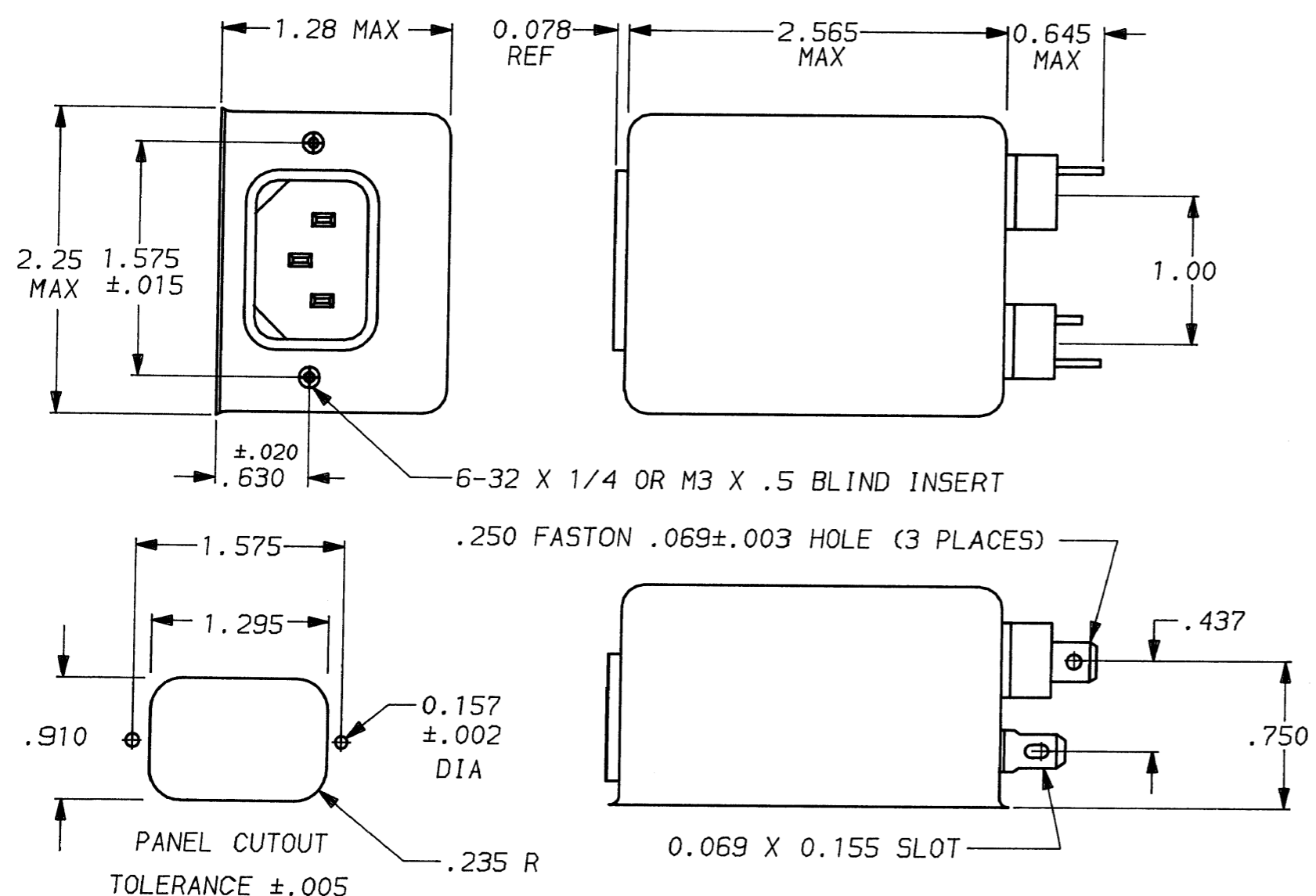


DESCRIPTION	APPROVED BY/DATE	REV
	C. Westby 5-21-92	6
ECO-09-026495	AEG / 07DEC09	7



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: 5 AMP., 120/250 VAC
 5 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:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

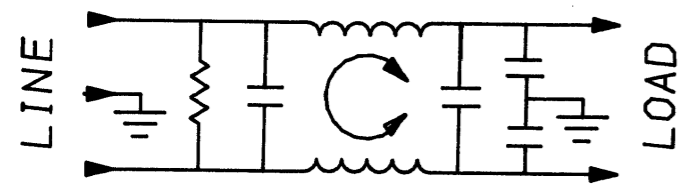
RELIABILITY SPECIFICATIONS:
STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:
INDUCTANCE: .516 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.

1-1609028-2 OBSOLETE
 1-6609028-2
 1-1609028-1
 1-6609028-1



△ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

50Ω - 50Ω (MINIMUM) INSERTION LOSS										
FREQUENCY MHz	.15	.4	.5	1	2	5	10	20	30	
COMMON dB	8	21	25	32	40	46	50	53	53	
DIFF. dB	3	3	22	45	60	65	65	50	50	

This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM's order or prior written consent.

TOLERANCE EXCEPT AS NOTED
 DECIMAL: .XXX .XX .X ANGLES ± 1°
 ENGLISH: ±.025
 METRIC: ± —

MATERIAL:
 AS SUPPLIED

FINISH:
 AS SUPPLIED



POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-31-90	5VK7 & 5VK7M	7
DRW. BY	ORIGINATOR		
CFW	CFW		