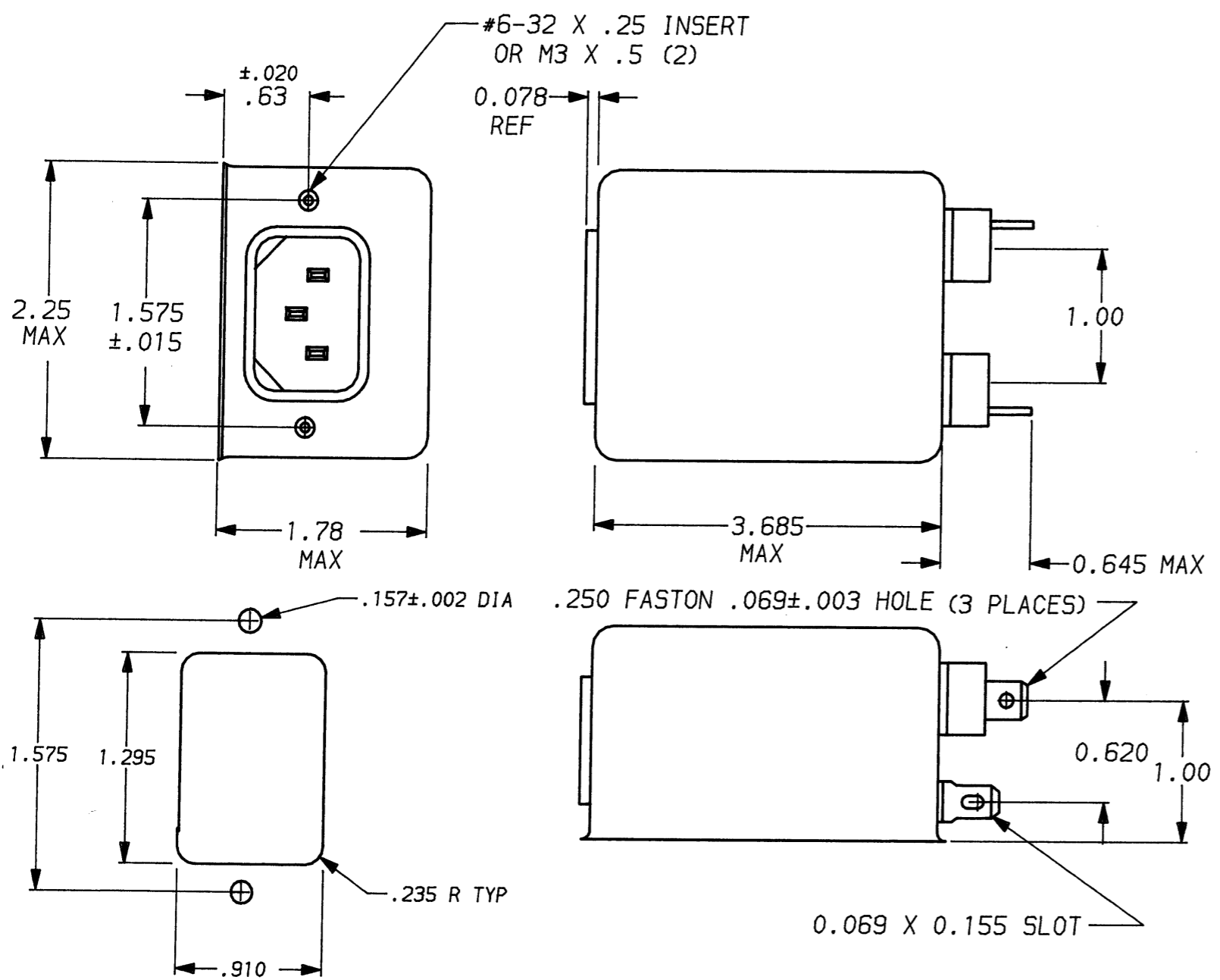


| DESCRIPTION   | APPROVED BY | DATE    | REV |
|---------------|-------------|---------|-----|
|               | C. Westub   | 5-21-92 | 7   |
| ECO-09-026495 | AEG         | 10DEC09 | 8   |



**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<sub>r</sub>

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, 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 INSULATION RESISTANCE:** 6000 MΩ (MIN) AT 100 VDC  
 20°C AND 50% RH

**RECOMMENDED RECEIVING INSPECTION HIPOT:**

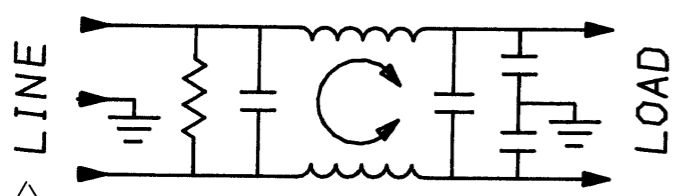
LINE TO GROUND: 2250 VDC FOR 1 MINUTE

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.

|             |          |
|-------------|----------|
| 1-1609036-2 | OBSOLETE |
| 1-6609036-2 |          |
| 1-1609036-1 |          |
| 1-6609036-1 |          |

PANEL CUTOUT TOLERANCE ±.005



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

| 50Ω - 50Ω (MINIMUM) INSERTION LOSS |     |     |     |     |    |     |    |    |    |    |    |
|------------------------------------|-----|-----|-----|-----|----|-----|----|----|----|----|----|
| FREQUENCY MHz                      | .01 | .02 | .05 | .08 | .1 | .15 | .5 | 1  | 5  | 10 | 30 |
| COMMON dB                          | 4   | 11  | 19  | 23  | 25 | 29  | 43 | 50 | 47 | 48 | 51 |
| DIFF. dB                           | 1   | 1   | 2   | 3   | 3  | 10  | 55 | 65 | 65 | 60 | 50 |

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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     | 8-7-90     | 10VSK7 & 10VSK7M | 8    |
| DRW. BY | ORIGINATOR |                  |      |
| CFW     | CFW        |                  |      |

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