

### SAFETY ORGANIZATIONS

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, # 8  
 VDE APPROVED: EN 133200

### OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP/40°C, 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
 EACH LINE TO GROUND: 0.22mA @ 120V, 60Hz  
 0.38mA @ 250V, 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>.

IN AN AMBIENT, T<sub>0</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>0</sub>, IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{100 - T_0}{60}}$$

### RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C  
 HUMIDITY: 21 DAYS @ 40°C 95% RH.  
 CURRENT OVERLOAD TEST: 6 TIMES I<sub>r</sub> FOR 8 SECONDS

### TEST SPECIFICATIONS:

INDUCTANCE: 0.36mH NOMINAL  
 INDUCTANCE: GROUND CHOKER = 0.275mH NOMINAL  
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
 LINE TO GROUND: 0.0059µF ±20%  
 LINE TO LINE: 0.1015µF ±20%  
 DISCHARGE RESISTOR: 1.5MΩ  
 L/G AND L/L I.R.  
 NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

### RECOMMENDED RECEIVING INSPECTION HIPOT:

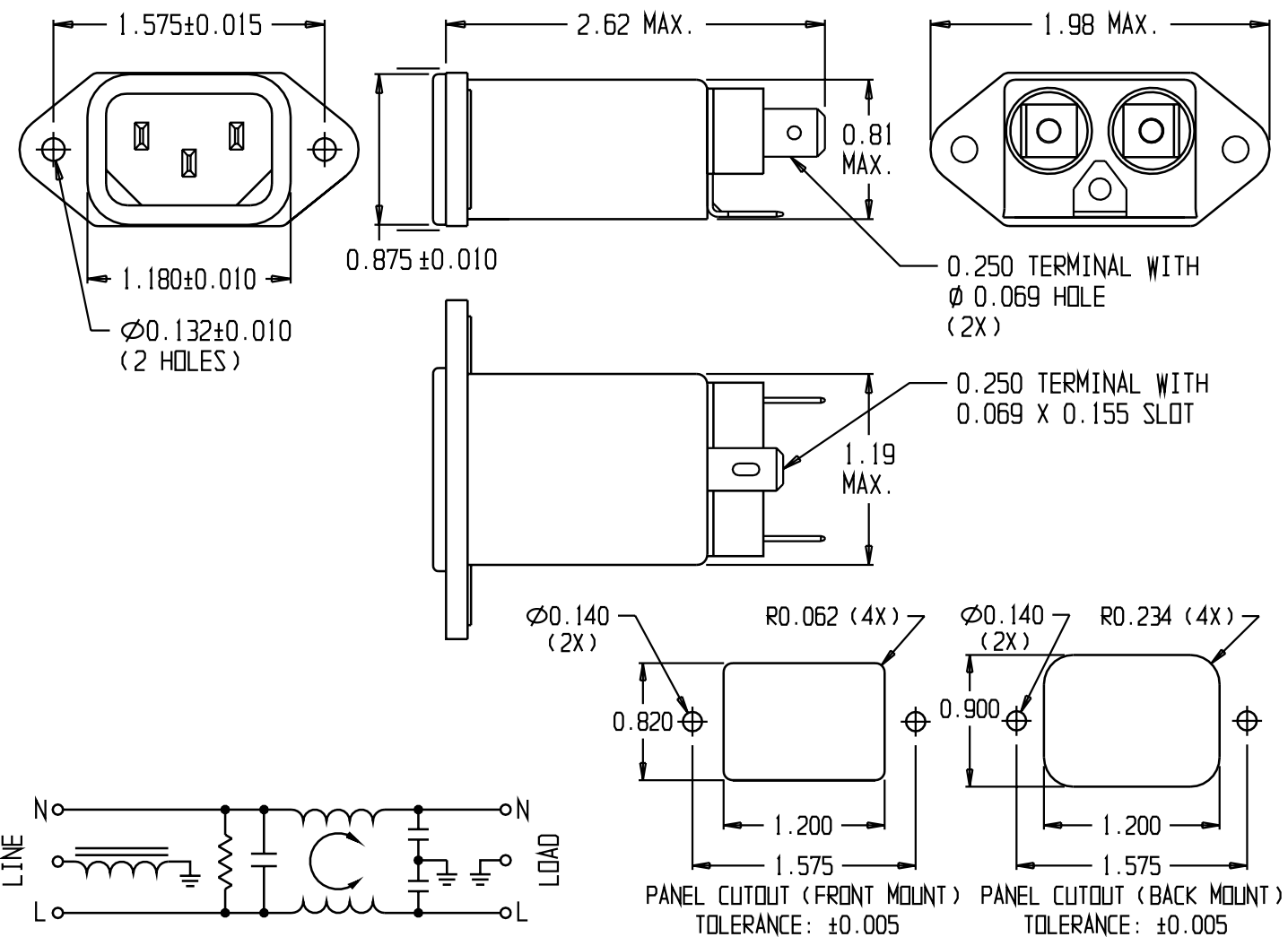
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE  
 LINE TO LINE: 1450VDC FOR 1 MINUTE

### FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG # 10ED1C

| ECO # | APPRVD. | DATE    |
|-------|---------|---------|
|       | KAW     | 21NOV06 |



### 50Ω- 50Ω (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | 0.15 | 0.5 | 1.0 | 2.0 | 5.0 | 10 | 20 | 30 |  |  |
|---------------|------|-----|-----|-----|-----|----|----|----|--|--|
| COMMON dB     | 8    | 14  | 20  | 27  | 35  | 39 | 43 | 45 |  |  |
| DIFF. dB      | 8    | 20  | 25  | 32  | 38  | 44 | 47 | 47 |  |  |

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED

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

**tyco** Electronics **corcom**  
 620 S. BUTTERFIELD ROAD MUNDLEIGH IL 60060

### CUSTOMER DRAWING 10ED1C

|                   |            |               |                    |        |
|-------------------|------------|---------------|--------------------|--------|
| TYCO: 1-6609016-7 | SCALE: NTS | DATE: 12SEP89 | CATALOG NO. 10ED1C | REV. B |
| DRW. BY: JF       | DRG: CW    |               |                    |        |