

CUSTOMER DRAWING

CATALOG # 15CU15BS1

ECN #	APPRVD.	DATE
08-023523	IEC	26DEC08

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 498
 CSA CERTIFIED: CSA 22.2, # 42 (THROUGH UL)
 VDE APPROVED: EN 60320-1

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 15 AMP, 120/250 VAC,
 10 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
 EACH LINE TO GROUND: 0.00 mA @ 120V 60Hz
 0.00 mA @ 250V 50Hz

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 I_r FOR
 8 SECONDS

TEST SPECIFICATIONS:

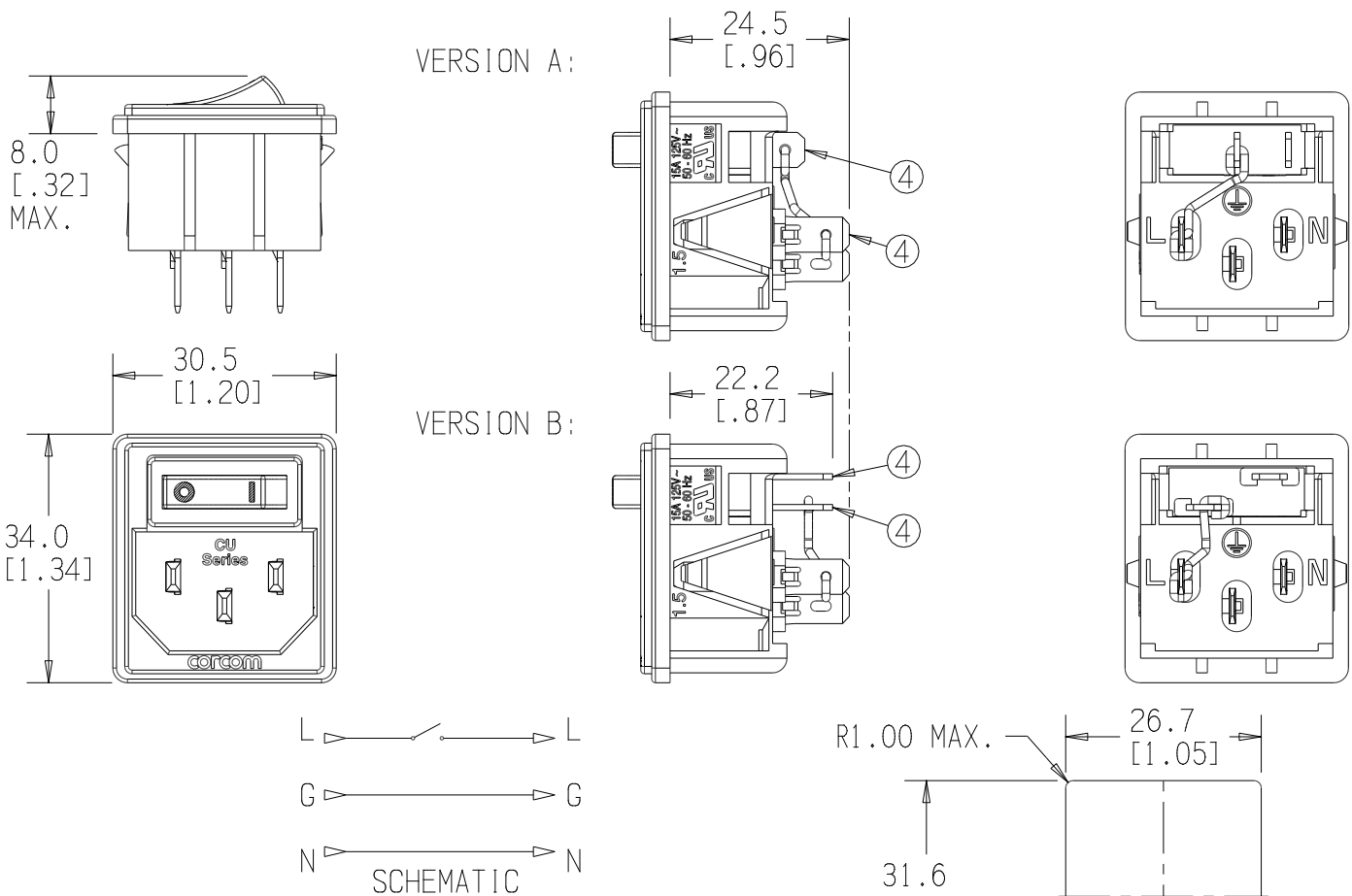
INDUCTANCE: 0.00 mH NOMINAL
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.0000 μ F ±20%
 LINE TO LINE: 0.0000 μ F ±20%
 DISCHARGE RESISTOR: NONE
 L/G AND L/L I.R.
 NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

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


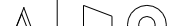
FILTER APPROVAL:

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



NOTES:

1. PART NUMBER LABELED ON PACKAGE ONLY.
2. BOTH VERSIONS ARE ACCEPTABLE.
3. SOCKET COMPLIES WITH EN 60320-1.
- ④. LOAD AND SWITCH TERMINALS COMPLY WITH DIN 46244, 4.8MM X 0.8MM.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS												PARTS SHALL COMPLY WITH TYCO ELECTRONICS 230-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES																											
FREQUENCY MHz												UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE ± 0.5 MM MATERIAL & FINISH: AS SUPPLIED												<div>Tyco Electronics CORCOM PRODUCTS, 620 S. BUTTERFIELD RD., MUNDELEIN IL 60060</div>															
COMMON dB												DIMENSIONS ARE: MILLIMETER (INCH)																											
DIFF. dB												POWER LINE FILTER																											
SHEET SIZE												TYCO ELECTRONICS PART NO. 61-1609112-9																											
THIRD ANGLE PROJECTION												CVM AVAILABLE												SCALE: /				DATE: /				DRAWING NUMBER:				REV.			
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												X																											
																								Tyco Electronics				CORCOM PRODUCTS, 620 S. BUTTERFIELD RD., MUNDELEIN IL 60060											
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												CVM AVAILABLE				SCALE: /				DATE: /				DRAWING NUMBER:				REV.											
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