

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_0 , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85 - T_0}{45}}$$

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:

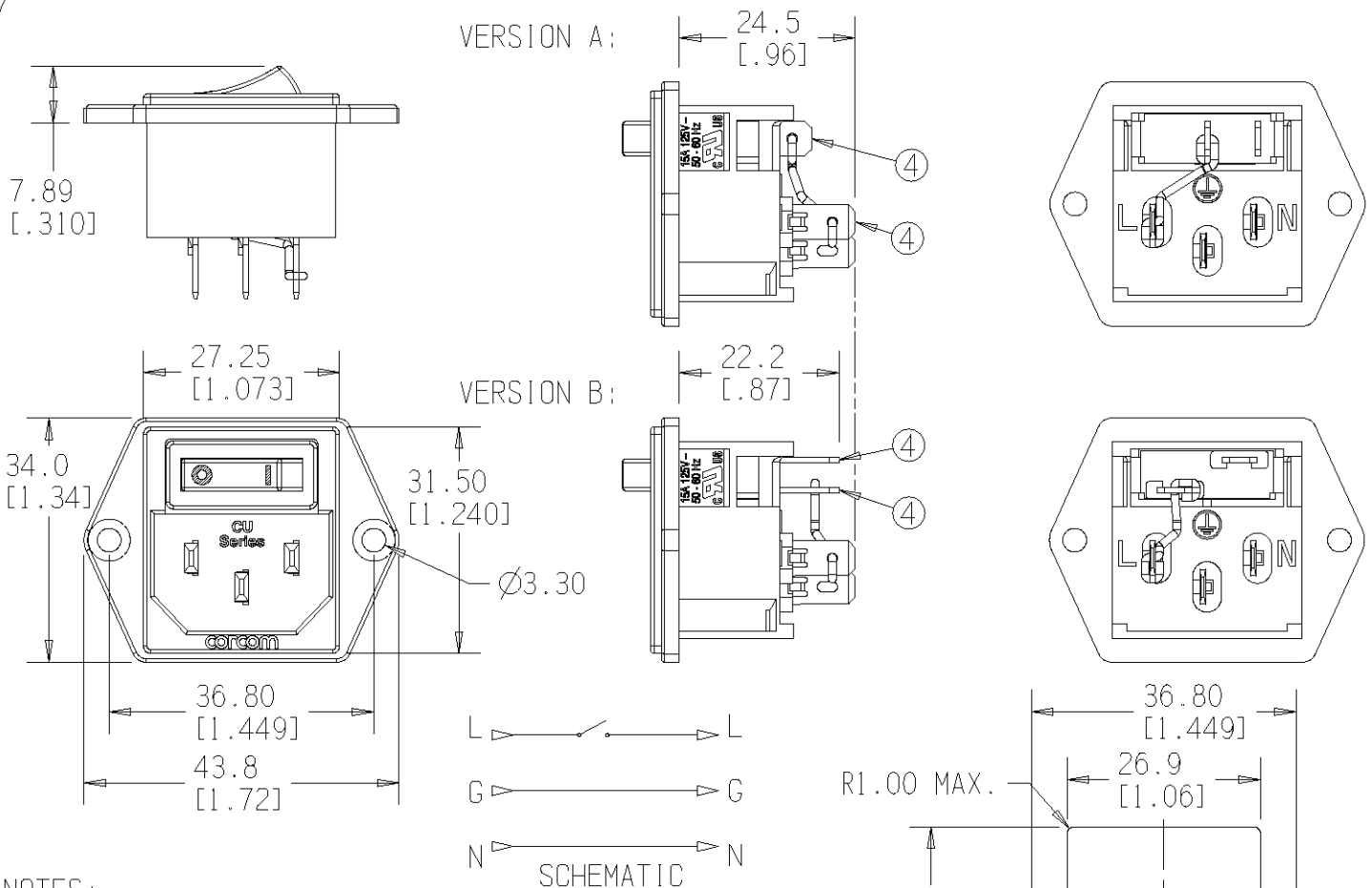
INDUCTANCE: 0.00 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0000 μ F ±20%
LINE TO LINE: 0.0000 μ F ±20%
DISCHARGE RESISTOR: NONE
L/G AND L/L I.R.:
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
20°C AND 50% RH

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 TE Connectivity 230-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES									
FREQUENCY MHz	/	/	/	/	/	/	/	/	/	UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE ±0.5 MM MATERIAL & FINISH: AS SUPPLIED									
COMMON dB	/	/	/	/	/	/	/	/	/	DIMENSIONS ARE: MILLIMETER (INCH)									
DIFF. dB	/	/	/	/	/	/	/	/	/	TE CONNECTIVITY PART NO. 2-1609114-8									
SHEET SIZE	THIRD ANGLE PROJECTION	1	REVISED PER ECO-11-005139	28MAR11	RK	HMR	CVM	YES	NO	SCALE: 1:1 DATE: 30DEC08 DRAWING NUMBER: 15CUBE1									
A		REV	DESCRIPTION	DATE	DWN	APR	AVAILABLE	X		G:\KeyCreator Directories\CD 15CUBE100.cxd									



TE Connectivity

POWER LINE FILTER

TE CONNECTIVITY PART NO. 2-1609114-8

SCALE: 1:1 DATE: 30DEC08 DRAWING NUMBER: 15CUBE1 REV. 1