CUSTOMER DRAWING		
CATALOG # 15CUS1		
ECN #	APPRVD.	DATE
08-023523	EC	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:

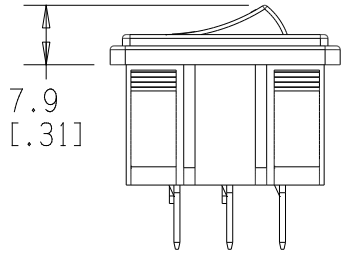
INDUCTANCE: 0.00 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0000 µF ±20%
LINE TO LINE: 0.0000 µF ±20%
DISCHARGE RESISTOR: NONE
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

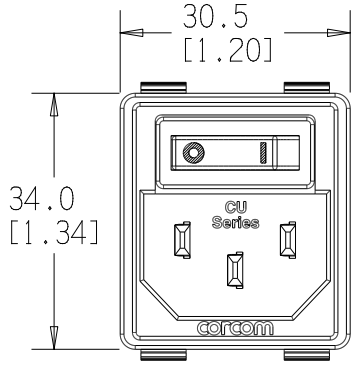
RECOMMENDED RECEIVING INSPECTION HIPOT:

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

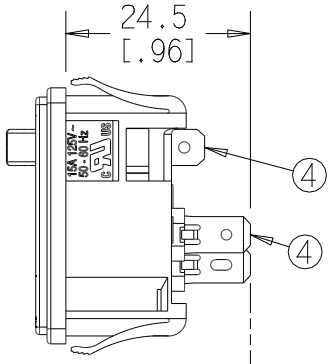
FILTER APPROVAL:

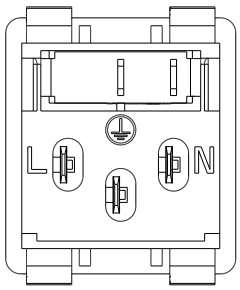
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



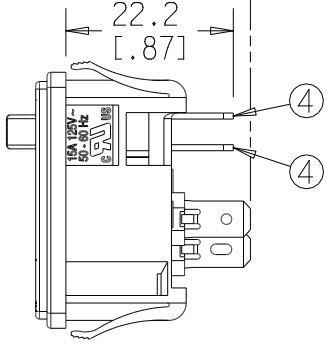


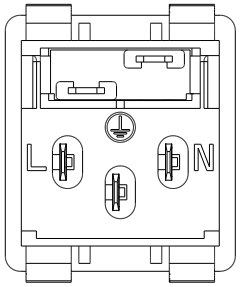
VERSION A:

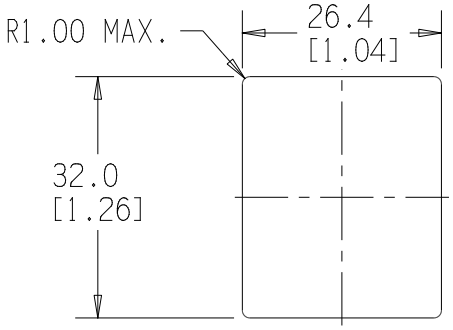




VERSION B:







RECOMMENDED PANEL CUTOUT ±0.1 MM
THICKNESS: 0.63-2.1 MM

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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	/	/	/	/	/	/	/	/	/	/	/	/
COMMON dB	/	/	/	/	/	/	/	/	/	/	/	/
DIFF. dB	/	/	/	/	/	/	/	/	/	/	/	/

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 230-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ±0.5 MM
MATERIAL & FINISH: AS SUPPLIED

DIMENSIONS ARE:
MILLIMETER
(INCH)

CVM AVAILABLE	YES	NO
	X	

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Tyco Electronics
CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

POWER LINE FILTER

TYCO ELECTRONICS PART NO. 2-1609114-9

SHEET SIZE	SCALE:	DATE:	DRAWING NUMBER:	REV.
A	/	/	15CUS1	0

DRW. BY: EC — DRIG: EC

THIRD ANGLE PROJECTION

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175977-2 ROX05SJ18R SBCHE64R7K SMW73R0JT 1969656-1 U5254-000005-030PA 1743455-2
1903112-2 3-1393225-0 650075-000 936348-1 1-794222-0 1393431-1 2005330-1 2310537-1 2377783-2
2-292161-3 3631B101LL CPF0402B37K4E1 RH73H2A40MKTN SBCHE154R7K 2380312-2 2834055-1
CRGCQ2010J3K3 1-962915-1 141991-2 MPT100C18RF 3430B2F51RTDF 917696-1 TE50BR39J