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, # 0,0.4,8
VDE APPROVED: EN 133 200

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: 24.0µA @ 120V 60Hz
41.5µA @ 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:

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH.
CURRENT OVERLOAD TEST: 6 TIMES I_r FOR 8 SECONDS
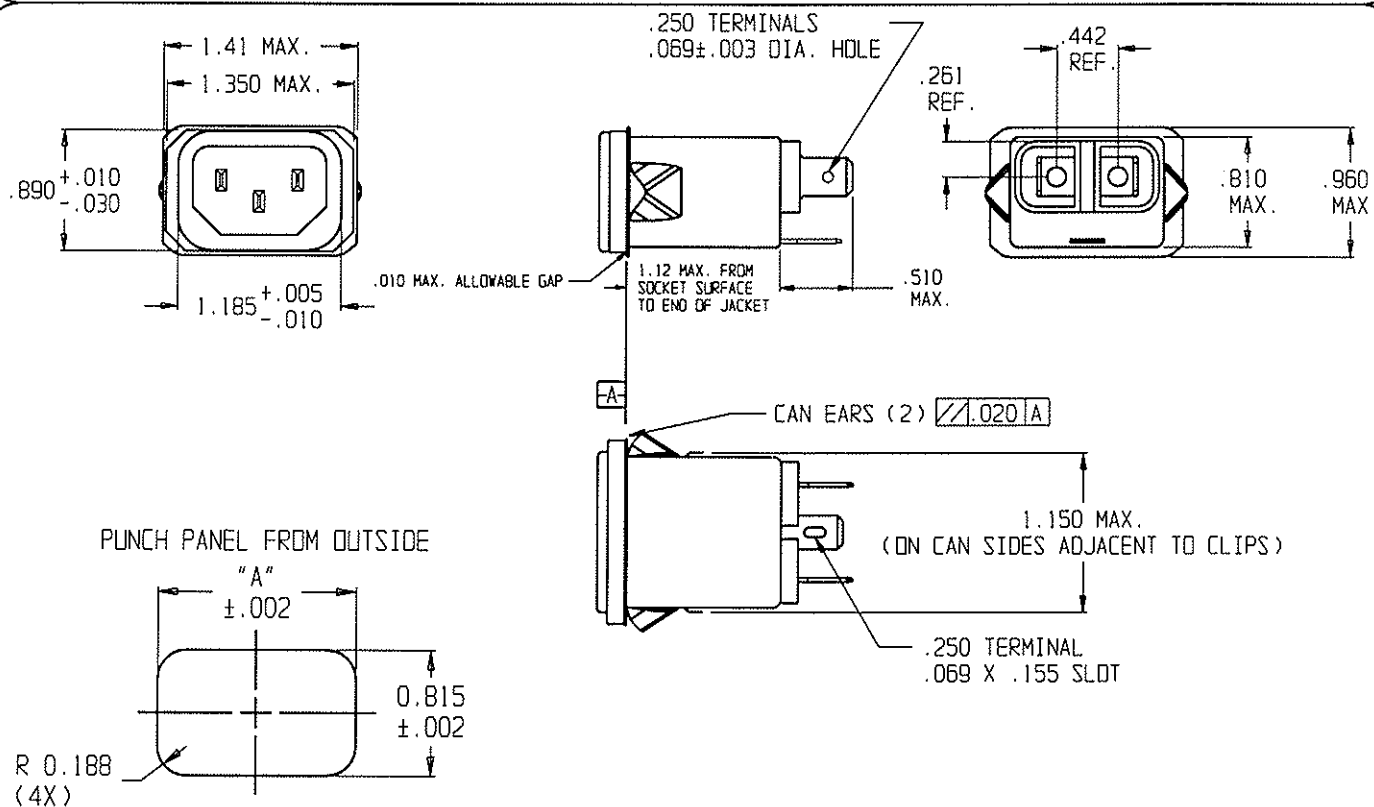
TEST SPECIFICATIONS:

INDUCTANCE: N/A mH
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 330pF ± 20%
LINE TO LINE: N/A
DISCHARGE RESISTOR: N/A
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

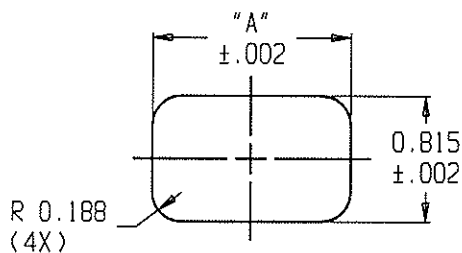## RECOMMENDED RECEIVING INSPECTION HIPOT:

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.
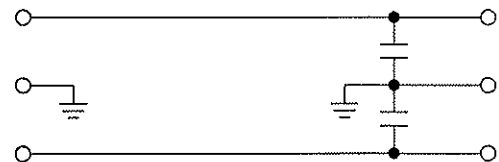

1.41 MAX.
1.350 MAX.
.890 +.010 -.030
1.185 +.005 -.010
.010 MAX. ALLOWABLE GAP

.250 TERMINALS
.069±.003 DIA. HOLE
.261 REF.
1.12 MAX. FROM SOCKET SURFACE TO END OF JACKET
.510 MAX.

.442 REF.
.810 MAX.
.960 MAX.

-A-

CAN EARS (2) ∥ .020 A

1.150 MAX. (ON CAN SIDES ADJACENT TO CLIPS)

.250 TERMINAL .069 X .155 SLOT

PUNCH PANEL FROM OUTSIDE

"A" ±.002
0.815 ±.002
R 0.188 (4X)

PANEL CUTOUT (FRONT MOUNT)

PANEL THICKNESS	PANEL CUTOUT "A"
0.031-0.052	1.260
0.046-0.068	1.350

50Ω- 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	1.0	5.0	10	50	100	300
COMMON dB	/	/	2	13	13	19
DIFF. dB	/	/	/	/	/	/

THIRD ANGLE PROJECTION

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

tyco / Electronics ▦ corcom
620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

POWER LINE FILTER

CAD FILE:G:\CO\15SRBS1-T00 TYCO # 2-6609987-2
SCALE: .75:1
DATE: 10MAR06
CATALOG NO.

DRW. BY: SD
ORIG: PJO

CATALOG NO.	REV.
15SRBS1-T	0