

CUSTOMER DRAWING

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
VOE 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:

24.0 μ A @ 120V 60Hz
41.5 μ A @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO $+40^{\circ}\text{C}$ @ RATED CURRENT, I_r .

IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_a , IS AS FOLLOWS: $I_a = I_{a0} \sqrt{100 - T_a}$

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

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:

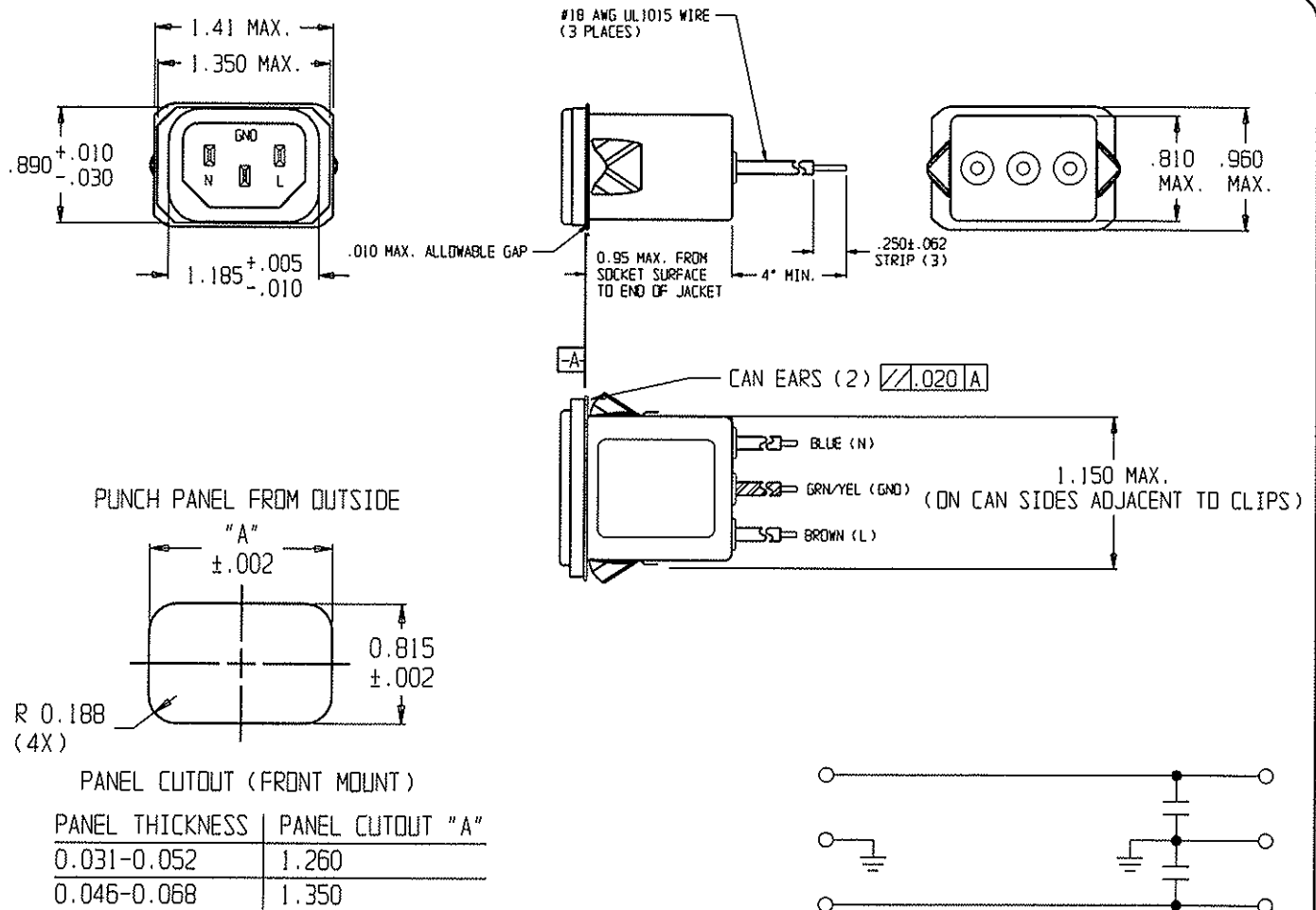
INDUCTANCE: N/A mH
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 330pF ± 20%
 LINE TO LINE: N/A
DISCHARGE RESISTOR: N/A
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 600MΩ (MIN.) @ 100VDC,
80°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500 VAC FOR 1 MINUTE
LINE TO LINE: 1450 VOC 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.



50Ω - 50Ω (MINIMUM) INSERTION LOSS							THIRD ANGLE PROJECTION 		 Tyco Electronics CORCON PRODUCTS, 620 S. BUTTERFIELD RD., MUNDELIN IL 60060		
FREQUENCY MHz	1.0	5.0	10	50	100	300	UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED		POWER LINE FILTER		
COMMON dB	/	/	2	13	13	19			TYCO ELECTRONICS PART NUMBER: 3-6609987-1 SCALE: .75:1 DATE: 10MAR06 CATALOG NO. REV. DRW. BY: SD ORG: P 15SRBS8-T 1		
DIFF. dB	/	/	/	/	/	/	THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES. IT MAY NOT BE DISCLOSED TO ANYONE OTHER THAN TYCO ELECTRONICS PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION. HARRISBURG, PENNSYLVANIA USA				