

## 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: 0.04 nA @ 120V 60Hz  
0.07 nA @ 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: 470pF ± 20%  
LINE TO LINE: N/A  
DISCHARGE RESISTOR: N/A  
L/G AND L/L I.R.: N/A  
NO DISCHARGE RESISTOR: 600MΩ (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

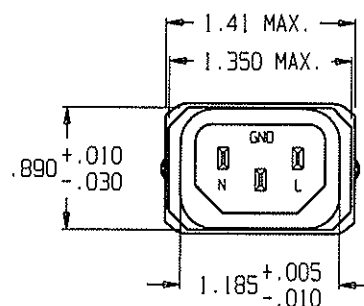
## FILTER APPROVAL:

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

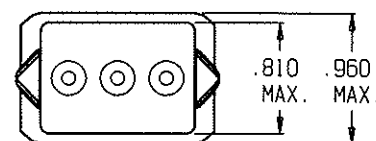
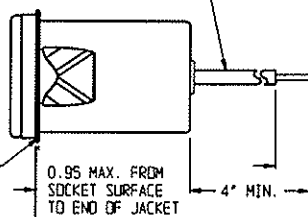
## CUSTOMER DRAWING

CATALOG #15SRBS8-W

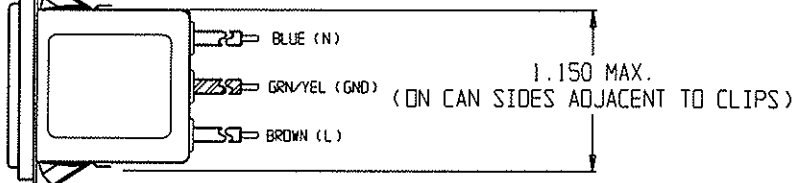
ECN #	APPROV.	DATE
07-026555	PJO	08NOV07



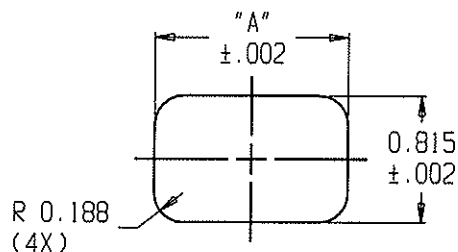
#18 AWG UL1015 WIRE  
(3 PLACES)



CAN EARS (2)  $\angle .020$  A

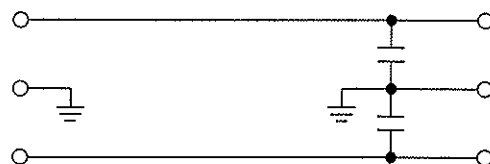


PUNCH PANEL FROM OUTSIDE



PANEL CUTOUT (FRONT MOUNT)

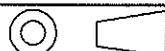
PANEL THICKNESS	PANEL CUTOUT "A"
0.031-0.052	1.260
0.046-0.068	1.350



## 50Ω- 50Ω(MINIMUM) INSERTION LOSS

FREQUENCY MHz	1.0	5.0	10	50	100	300
COMMON dB	/	2	4	18	13	20
DIFF. dB	/	/	/	/	/	/

THIRD ANGLE  
PROJECTION



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

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HARRISBURG, PENNSYLVANIA USA



**Tyco Electronics**

CORCON PRODUCTS, 620 S. BUTTERFIELD RD., HUNDELTIN IL 60060

**POWER LINE FILTER**

TYCO ELECTRONICS PART NUMBER: 3-6609987-2

SCALE:	DATE:	CATALOG NO.	REV.
.75:1	10MAR06	15SRBS8-W	1
DRW. BY:	ORIG:		
SD	PJO		

# Mouser Electronics

Authorized Distributor

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[15SRBS8-W](#)