

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:

2.1 μ A @ 120V 60Hz
3.65 μ A @ 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:

$$I_o = I_r \sqrt{\frac{100 - T_a}{60}}$$

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: 33pF ± 25%
LINE TO LINE: N/A
DISCHARGE RESISTOR: N/A
L/G AND L/L I.R.: N/A
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:

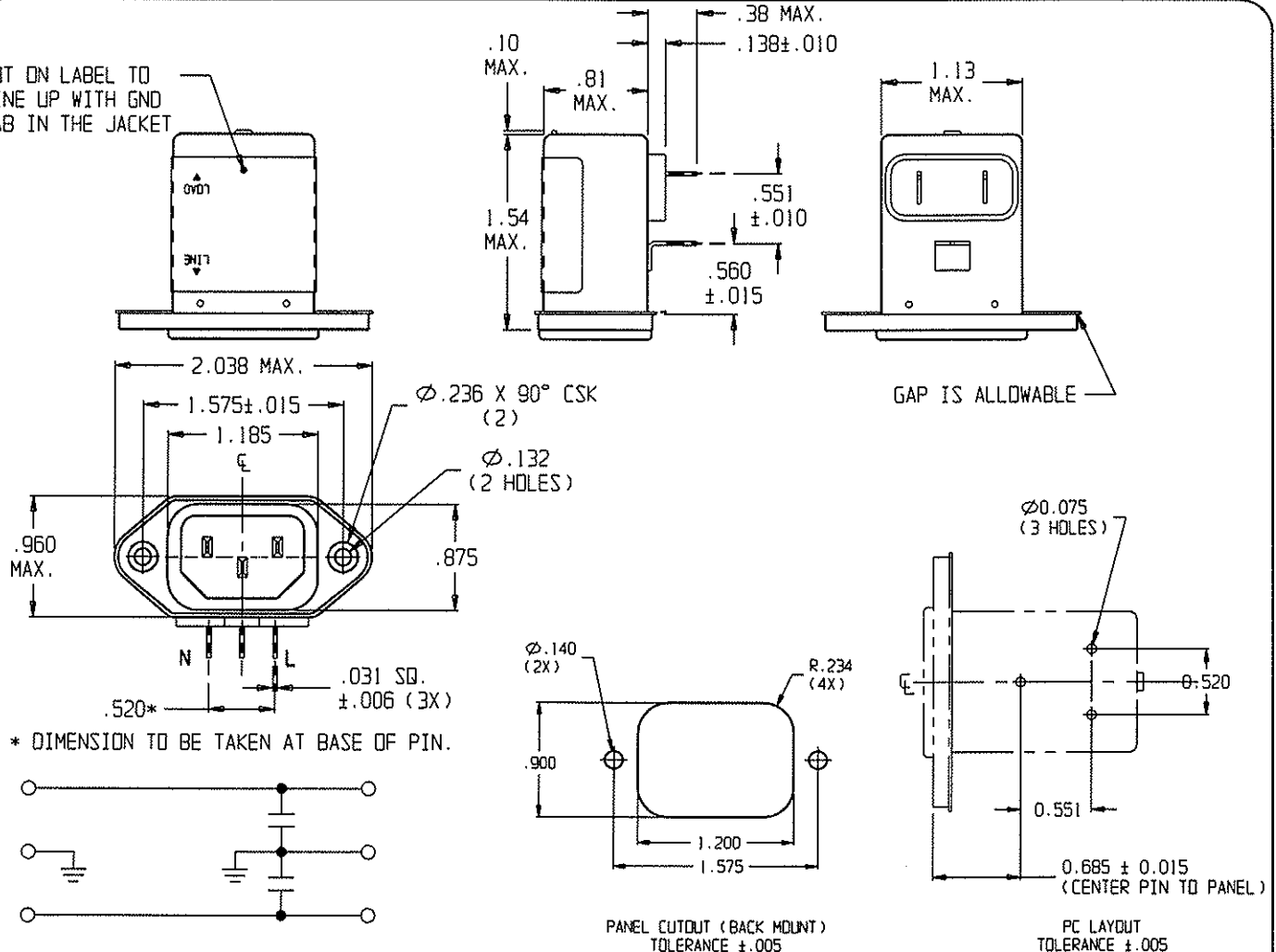
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR
YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CUSTOMER DRAWING

CATALOG # 15SRBP-Q

ECN #	APPROV.	DATE
	PJO	02MAY07

DOT ON LABEL TO
LINE UP WITH GND
TAB IN THE JACKET



* DIMENSION TO BE TAKEN AT BASE OF PIN.

PANEL CUTOUT (BACK MOUNT)
TOLERANCE ±.005

PC LAYOUT
TOLERANCE ±.005

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	1.0	5.0	10	50	200	300
COMMON dB	/	/	/	/	18	20
DIFF. dB	/	/	/	/	/	/

THIRD ANGLE
PROJECTION



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

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tyco Electronics **corcom**
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POWER LINE FILTER

CAD FILE: G:\CD\15SRBP-Q00	TYCO # 3-6609987-7
SCALE: .75:1	DATE: 18 JAN 06
DRW. BY: SD	DTG: PJO
CATALOG NO.	REV.
15SRBP-Q	0