

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, #8
VDE APPROVED: EN 60939-2

LINE CURRENT/VOLTAGE: 3 AMP 120/250VAC
3 AMP/40°C, 250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: $2\mu\text{A}$ @ 120V 60Hz
 $5\mu\text{A}$ @ 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_o , IS AS FOLLOWS: $I_o = I_o(40^\circ\text{C}) \sqrt{\frac{85 - T_a}{85 - 40}}$

$$I_o = I_r \sqrt{\frac{85 - T_o}{45}}$$

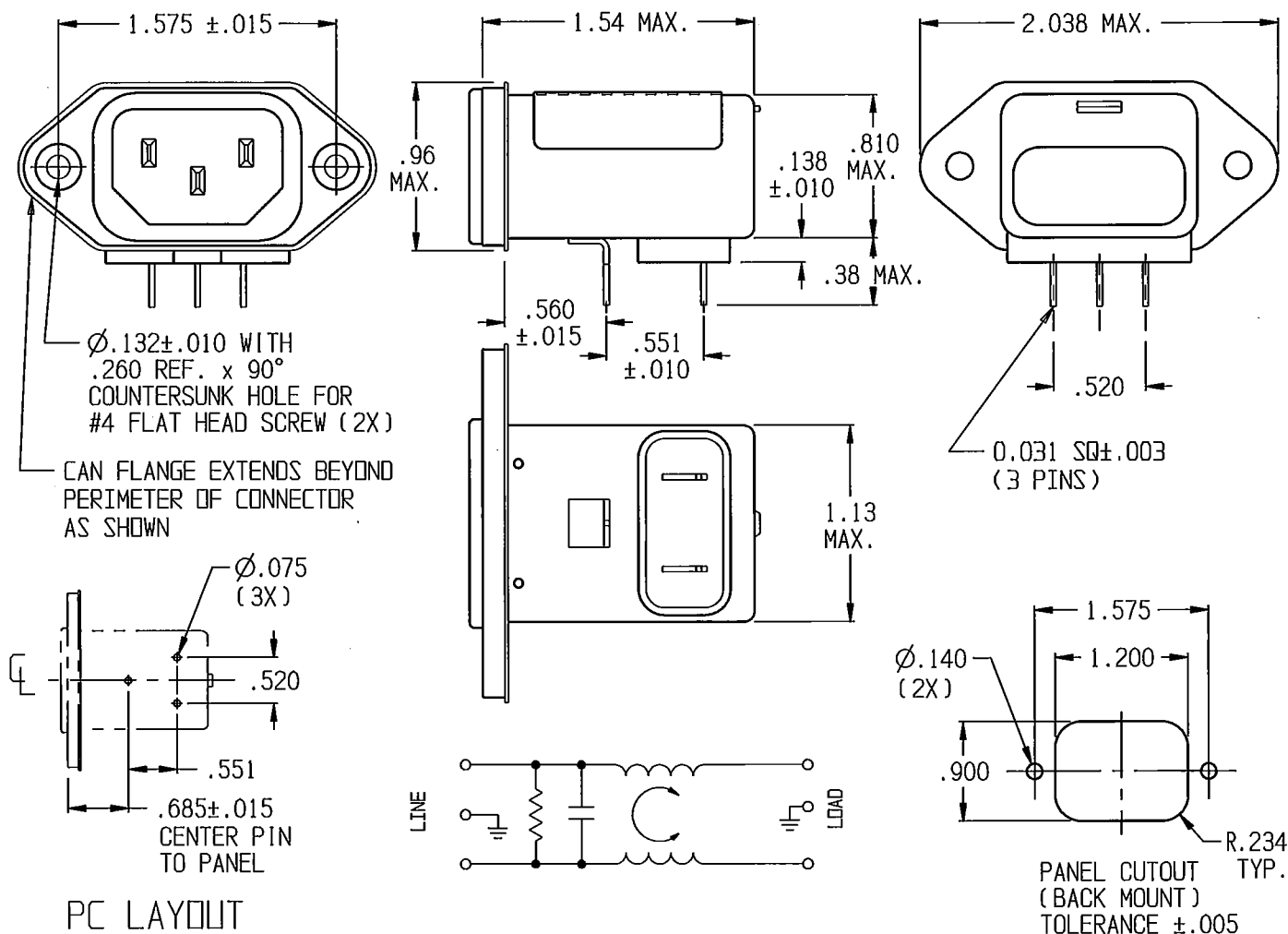
STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH,
CURRENT OVERLOAD TEST: 6 TIMES I_F FOR
8 SECONDS

INDUCTANCE: 1.45 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: NONE
 LINE TO LINE: 0.10 µF±20%
DISCHARGE RESISTOR: 1.5M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000Ω (MIN.) @ 100VDC,
 20°C AND 50% RH

LINE TO GROUND: 1500 VAC OR 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

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

EC #	APPRVD.	DATE
11-024660	PJO	12DEC11



PC LAYOUT

50 n - 50 n (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.05	.10	.15	.50	1	5	10	30	/	/	/
WMDN dB	-	9	15	19	27	31	30	26	20	/	/	/
DIFF. dB	-	-	5	8	17	23	31	32	30	/	/	/

SHEET SIZE



THIRD ANGLE PROJECTION



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PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ± 0.025
MATERIAL & FINISH: AS SUPPLIED

NOTES:



POWER LINE FILTER

TYCO ELECTRONICS PART NO. 0-6609008-9

SCALE: 1:1	DATE: 20FEB02	DRAWING NUMBER: 3EJHP	REV. C
DRW. BY: P. IN	DRG: P. IN		