

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, #8
VDE APPROVED: EN 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 6 AMP 120/250VAC
6 AMP/40°C, 250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: $2\mu A @ 120V 60Hz$
 $5\mu A @ 250V 50Hz$

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:

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

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: 0.465mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: NONE
LINE TO LINE: 0.10 $\mu F \pm 20\%$
DISCHARGE RESISTOR: 1.5M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

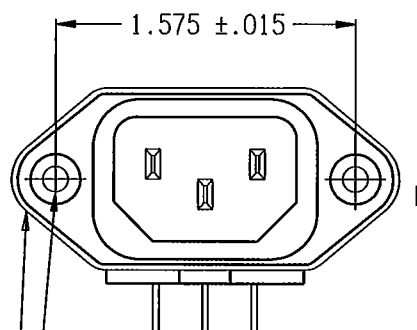
LINE TO GROUND: 1500 VAC OR 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

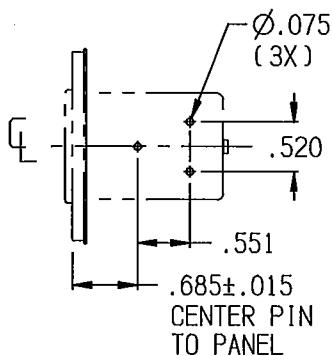
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG #6EJHP

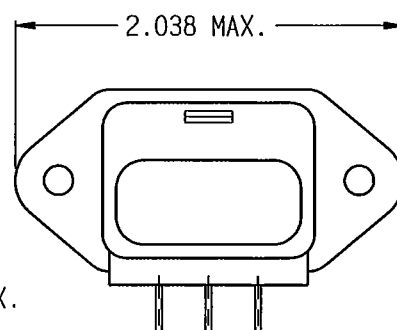
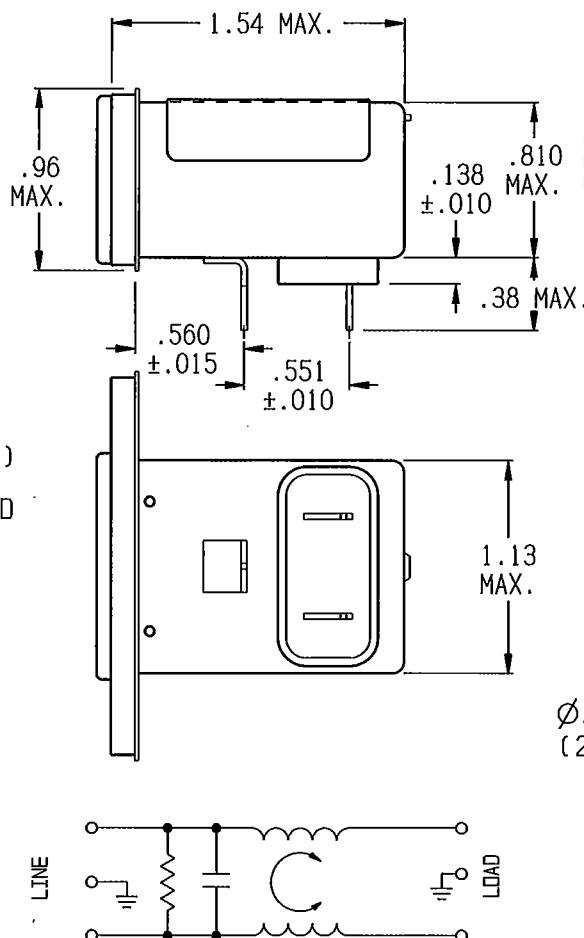
EC #	APPRVD.	DATE
11-024660	PJO	12DEC11



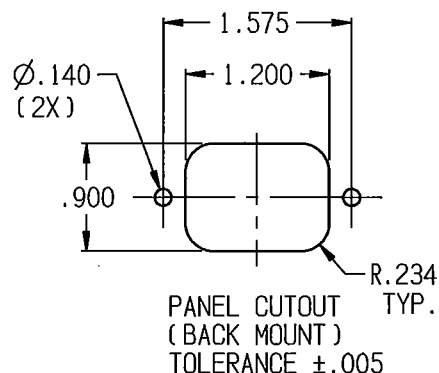
CAN FLANGE EXTENDS BEYOND PERIMETER OF CONNECTOR AS SHOWN



PC LAYOUT



0.031 SQ±.003 (3 PINS)



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.05	.10	.15	.50	1	5	10	30	/	/	/	/
MIN DB	2	6	9	20	22	31	20	18	/	/	/	/
DIFF. dB	-	5	8	17	21	32	30	30	/	/	/	/

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:

TE TE Connectivity

POWER LINE FILTER

TYCO ELECTRONICS PART NO. 1-6609008-1

SCALE:	DATE:	DRAWING NUMBER:	REV.
1:1	20FEB02	6EJHP	C
DRW. BY:	DATE:		
PJO	PJO		



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6EJHP-C.cld

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