

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 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: 0.22mA @ 120V 60Hz
 0.38mA @ 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:

$$I_0 = I_r \sqrt{\frac{85 - T_0}{45}}$$

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: 0.086mH NOMINAL
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.0059 μ F ±20%
 LINE TO LINE: 0.1015 μ F ±20%
 DISCHARGE RESISTOR: 1.5 M Ω
 L/G AND L/L I.R.
 NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

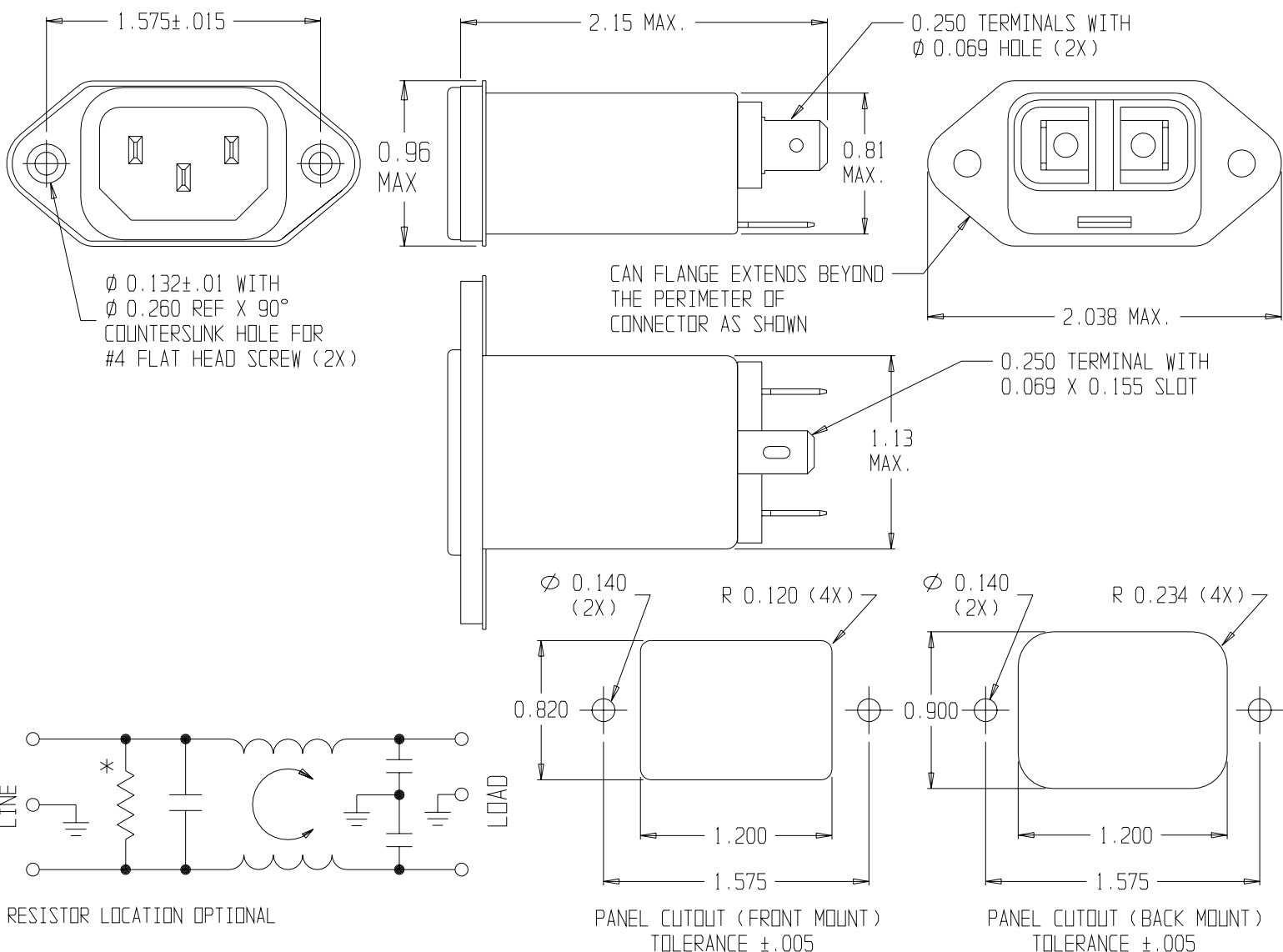
LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
 LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG # 15EEJ1

ECN #	APPRVD.	DATE
0631-0174-03	PJD	05MAY03



* RESISTOR LOCATION OPTIONAL

PANEL CUTOUT (FRONT MOUNT)
 TOLERANCE $\pm .005$

PANEL CUTOUT (BACK MOUNT)
 TOLERANCE $\pm .005$

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.10	.15	.50	1	3	5	10	30
COMMON dB	-	2	5	8	18	21	26	42
DIFF. dB	5	8	17	23	30	33	30	38

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED,
 TOLERANCE TO BE $\pm .025$
 MATERIAL & FINISH: AS SUPPLIED

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POWER LINE FILTER

CAD FILE: G:\CD\15EEJ102	TYCO: 1-1609006-7
SCALE: NTS	DATE: 10-17-01
DRW. BY: SD	ORIG: PJD
CATALOG NO. 15EEJ1	REV. 2