

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 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 20 AMP, 120/250 VAC,
16 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND:

0.22 mA @120V 60Hz
0.40 mA @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: 0.091 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0056 μ F ±20%
LINE TO LINE: 0.1014 μ F ±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:

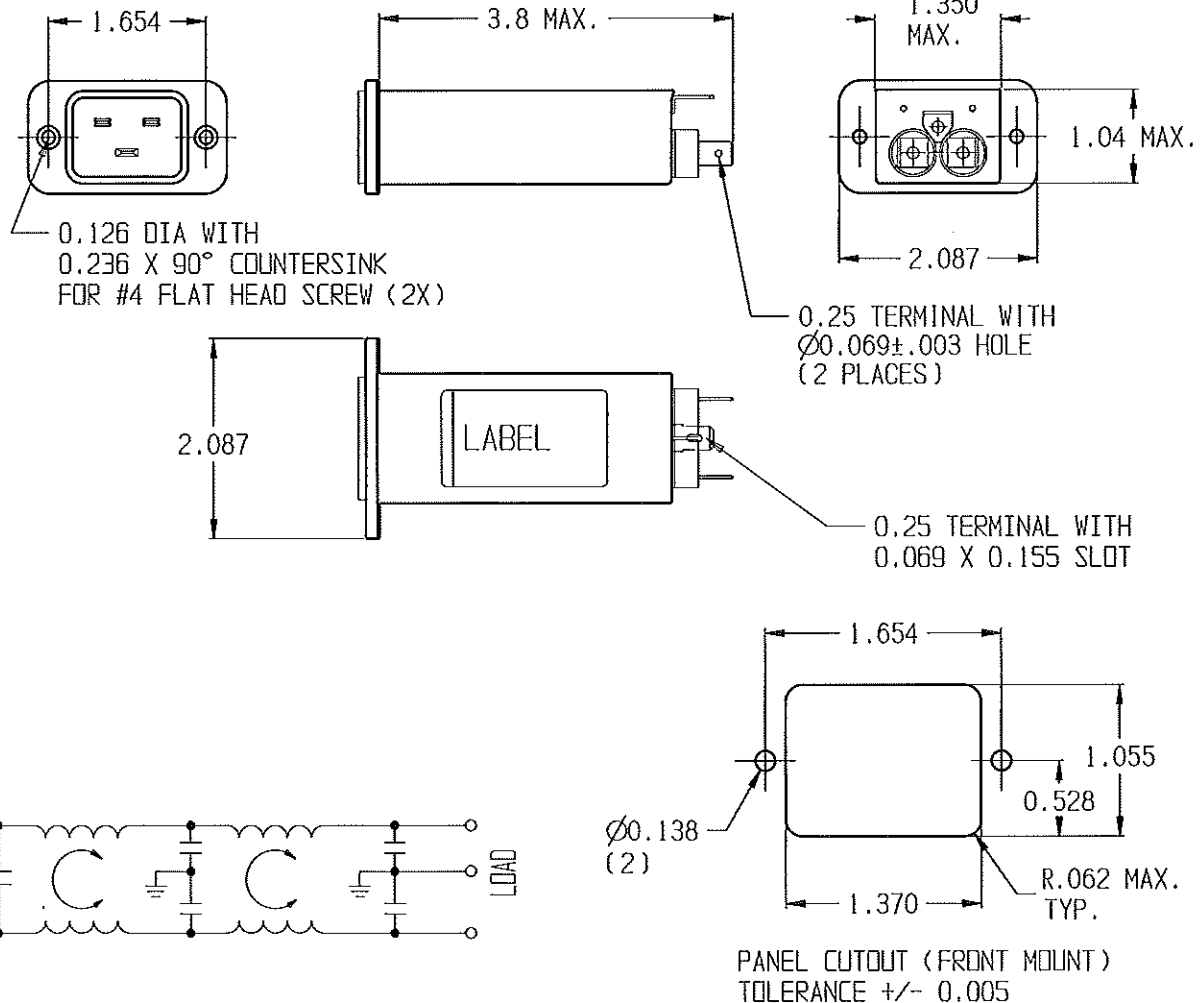
LINE TO GROUND: 1500 VAC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

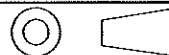
CATALOG # 20EJT1

ECN #	APPRVD.	DATE
10-010353	PJD	21MAR11



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

THIRD ANGLE
PROJECTION



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

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Tyco Electronics

CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. HOMERIDGE IL 60060

POWER LINE FILTER

CAD FILE: 20EJT1-J.cxd	TE#: 0-6609007-8
SCALE: NTS	DATE: 12 JUN 03
DRW. BY: PJD	ORIG: PJD
CATALOG NO.	REV.
20EJT1	J

FREQUENCY MHz	.1	.15	.5	1.0	5.0	10	30	100	300	1000
COMMON dB	-	-	8	15	42	50	60	58	40	14
DIFF. dB	6	9	20	26	40	35	48	50	56	10