

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:

RECOGNIZED: UL 1283
 CSA CERTIFIED: CSA 22.2, # 0.0.4.8
 VDE APPROVED: EN 133 200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 12 AMP, 120/250 VAC,
 12 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
 EACH LINE TO GROUND:
 0.25 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_o , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

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

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:

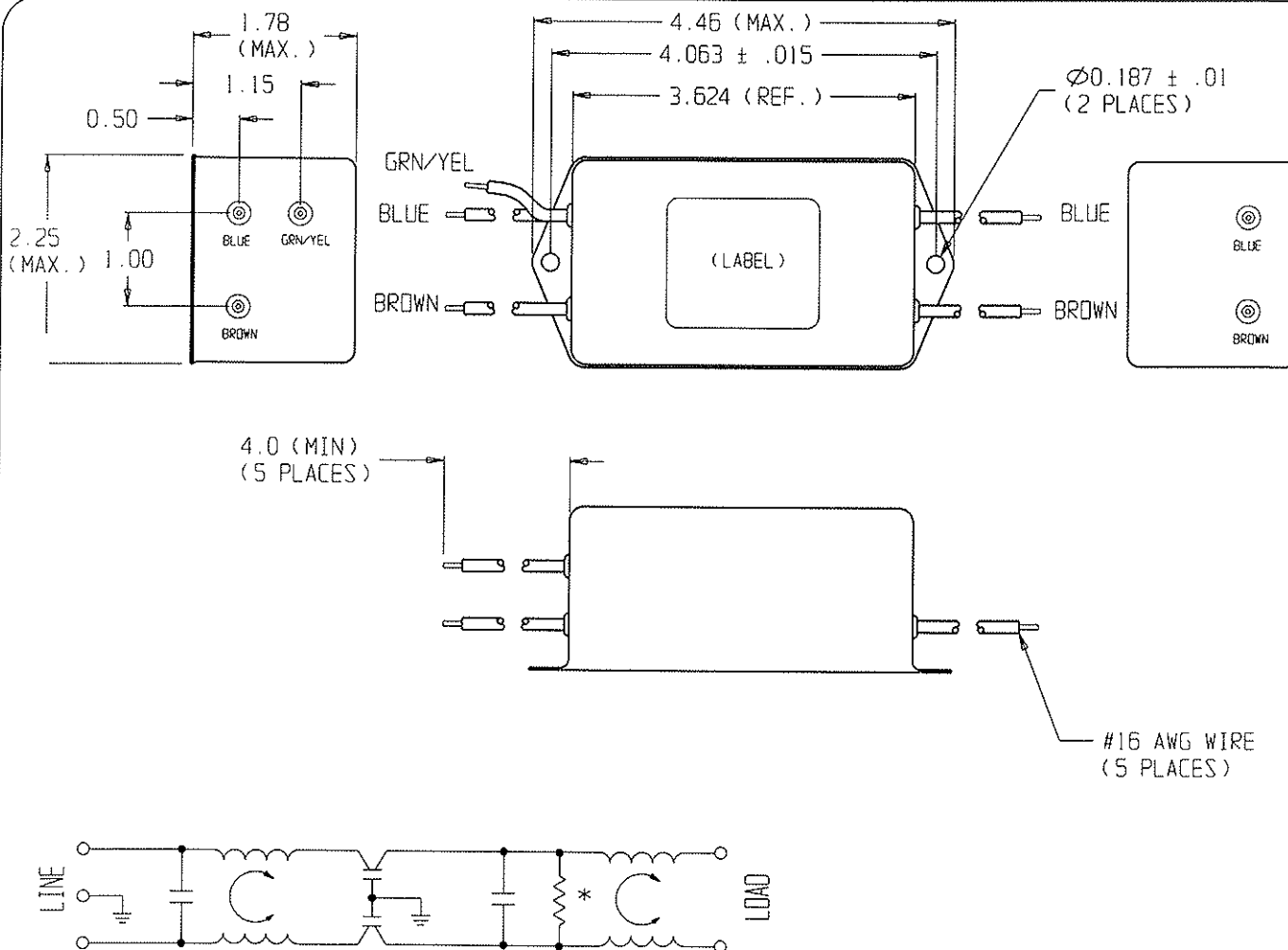
INDUCTANCE: 7.88mH NOMINAL
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.0056 μ F ±20%
 LINE TO LINE: 2.0014 μ F ±20%
 DISCHARGE RESISTOR: 0.165M Ω
 L/G AND L/L I.R.
 NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
 20°C AND 50% RH

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.

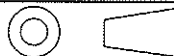


* RESISTOR LOCATION OPTIONAL

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

ENCL z	.01	.04	.05	.15	.5	1	5	10	20	30
COMMON dB	12	9	7	52	68	70	70	70	70	45
DIFF. dB	11	20	7	43	70	70	70	65	45	45

THIRD ANGLE
 PROJECTION



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

This document is proprietary to CORCOM INC.
 and is not to be reproduced nor used for
 manufacturing purposes except on CORCOM'S
 prior written consent.

tyco Electronics **corcom**

814 E. ROCKLAND RD. LIBERTYVILLE IL 60048

POWER LINE FILTER

CAO FILE: 1G/CO/12EP301	TYCO: 2-6609037-7
SCALE: NTS	DATE: 25OCT04
DRW. BY: PJO	ORIG: PJO
CATALOG NO.	REV.
12EP3	1