

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 LISTED: UL 935

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 3.9 AMP, 125/280 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 3.0 mA @125V 60Hz

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: 0.18 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.047 μ F±20%
LINE TO LINE: 0.024 μ F±20%

L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 600M Ω (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1560 VAC FOR 1 MINUTE
LINE TO LINE: 1560 VAC FOR 1 MINUTE

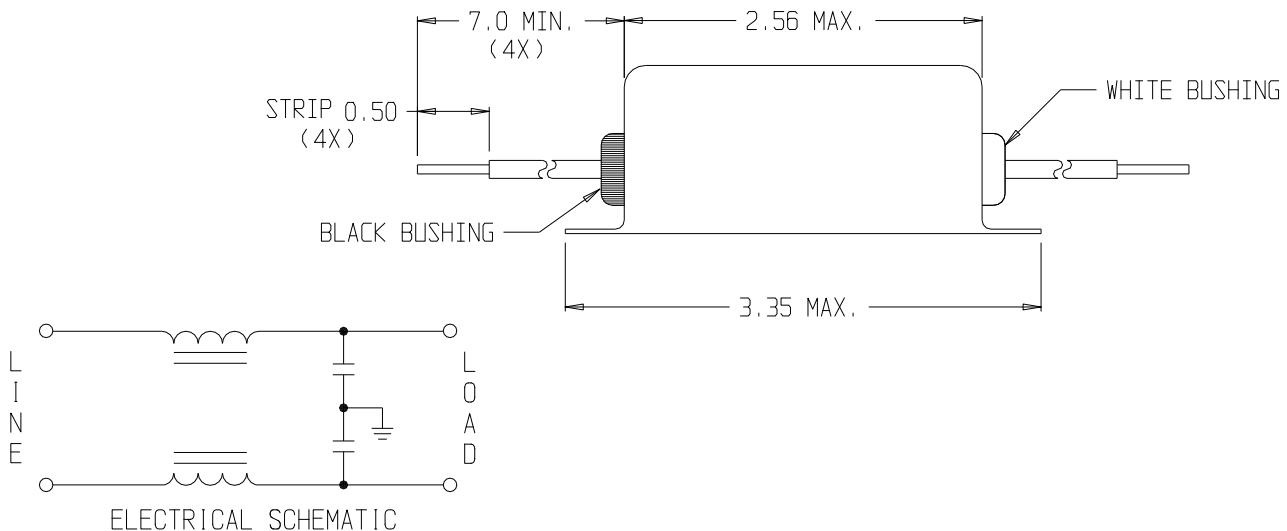
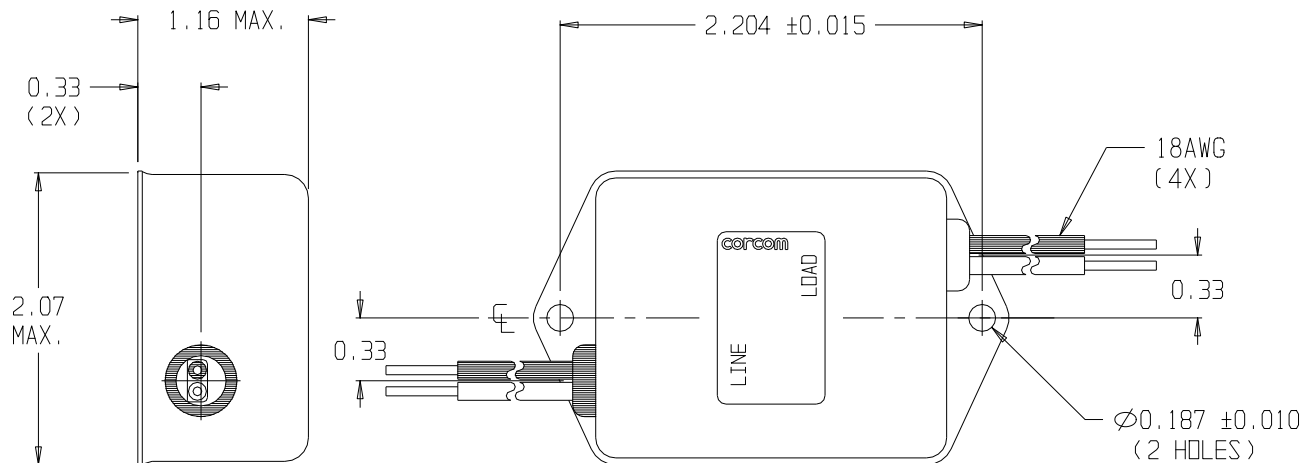
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # 3EFL3

ECN #	APPRVD.	DATE
	PJO	24APR08



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.3	.6	1	4	10	20	/	/	/	/	/
COMMON dB	/	/	/	/	/	/	/	/	/	/	/	/
DIFF. dB	10	18	34	46	56	38	26	/	/	/	/	/

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 230-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

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

NOTES:

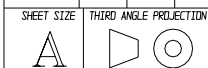


Tyco Electronics

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

POWER LINE FILTER

TYCO ELECTRONICS PART NO. 2-6609092-3



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HARRISBURG, PENNSYLVANIA USA.

CVM
AVAILABLE

YES NO

G:\KeyCreator Directories\CD

3FL300.cxd

SCALE:	DATE:	DRAWING NUMBER:	REV.
3/4	24APR08	3FL3	0
DRW. BY:	ORIG:		
SD	PJO		