

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
cUR PER CSA C22.2 No. 8

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1 AMP/50°C, 300 VAC 50-60Hz (UR) PENDING
1 AMP/50°C, 250 VAC 50-60Hz (cUR) PENDING

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND:

0.12mA	© 120 VAC 60Hz
0.25mA	© 250 VAC 60Hz
0.30mA	© 300 VAC 60Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +50°C @ RATED CURRENT, I_r .

IN AN AMBIENT, T_a , HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{100 - T_a}{50}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +100°C
HUMIDITY: 21 DAYS @ 40°C 95% RH.
CURRENT OVERLOAD TEST: 6 TIMES I_r FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 1.86 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0040 μ F±20%
LINE TO LINE: 0.010 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: 2263 VDC FOR 1 MINUTE
LINE TO LINE: 2263 VDC FOR 1 MINUTE

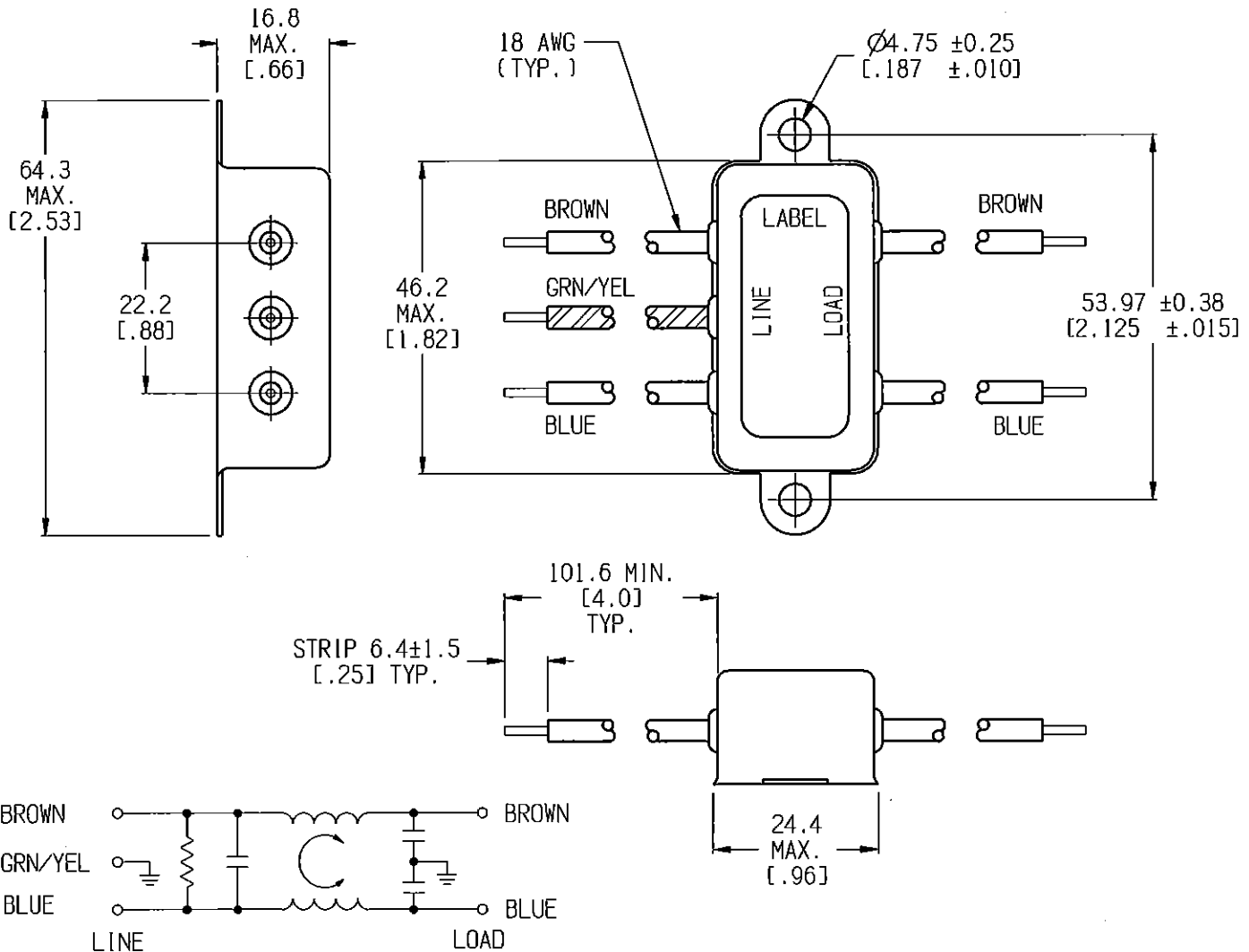
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # 1FBL3

ECN# APPRVD DATE

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.15	0.5	1.0	2.0	5.0	10	20	30	/	/	/	/
COMMON dB	20	33	41	46	45	45	46	48	/	/	/	/
DIFF. dB	/	/	/	/	/	/	/	/	/	/	/	/

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ±0.64
MATERIAL & FINISH: AS SUPPLIED
DIMENSIONS IN MILLIMETERS

NOTES:

CUSTOMER DRAWING

TE PART NO.: 6-1609091-4

SCALE:	1:1	DATE:	21MAY18	DRAWING NUMBER:	1FBL3	REV.	2
DRW. BY:	LJO	DRG:	JB				

1FBL302.cad