CUSTOMER DRAWING		
CATALOG #	10FBL3	
ECN#	APPRVD	DATE
/	/	/

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 (PENDING)
cUR PER CSA C22.2 No. 8 (PENDING)

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP/50°C, 300 VAC 50-60Hz (UR) PENDING
                        10 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: 0.495 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
    LINE TO GROUND: 0.0040 μF ±20%
    LINE TO LINE: 0.010   μF ±20%
DISCHARGE RESISTOR: 1.5 MΩ
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

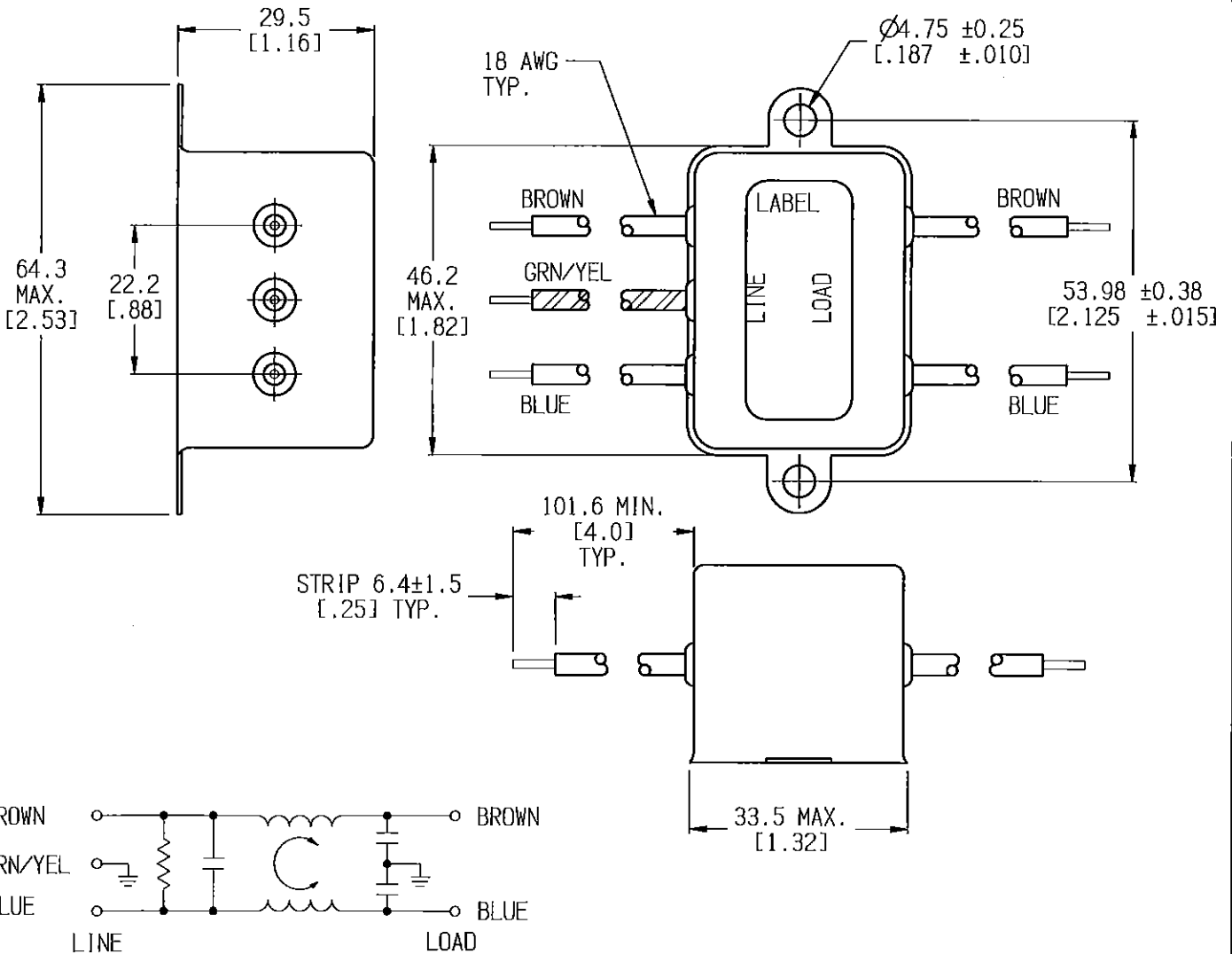LINE TO GROUND: 2263 VDC FOR 1 MINUTE
LINE TO LINE: 2263 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.15	0.5	1.0	2.0	5.0	10	20	30	/	/	/	/
COMMON dB	11	23	26	29	34	37	38	45	/	/	/	/
DIFF. dB	/	/	/	/	/	/	/	/	/	/	/	/

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 108-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

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

NOTES:

TE TE Connectivity

CUSTOMER DRAWING

TE PART NO.: 6-1609091-7

SCALE: 1:1	DATE: 21MAY18	DRAWING NUMBER:	REV.
DRW. BY: LJD	ORIG: JB	10FBL3	0

SHEET SIZE: A
THIRD ANGLE PROJECTION

10FBL300.ckd

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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  [10FBL3](#)