

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
VDE APPROVED: EN 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 25 AMP, 120/250 VAC,
25 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 3.7 @ 120V 60Hz
6.4 @ 250V 50Hz

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: 4.9 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: .062 μ F±20%
LINE TO LINE: 4.4 μ F±20%
DISCHARGE RESISTOR: 330 K 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

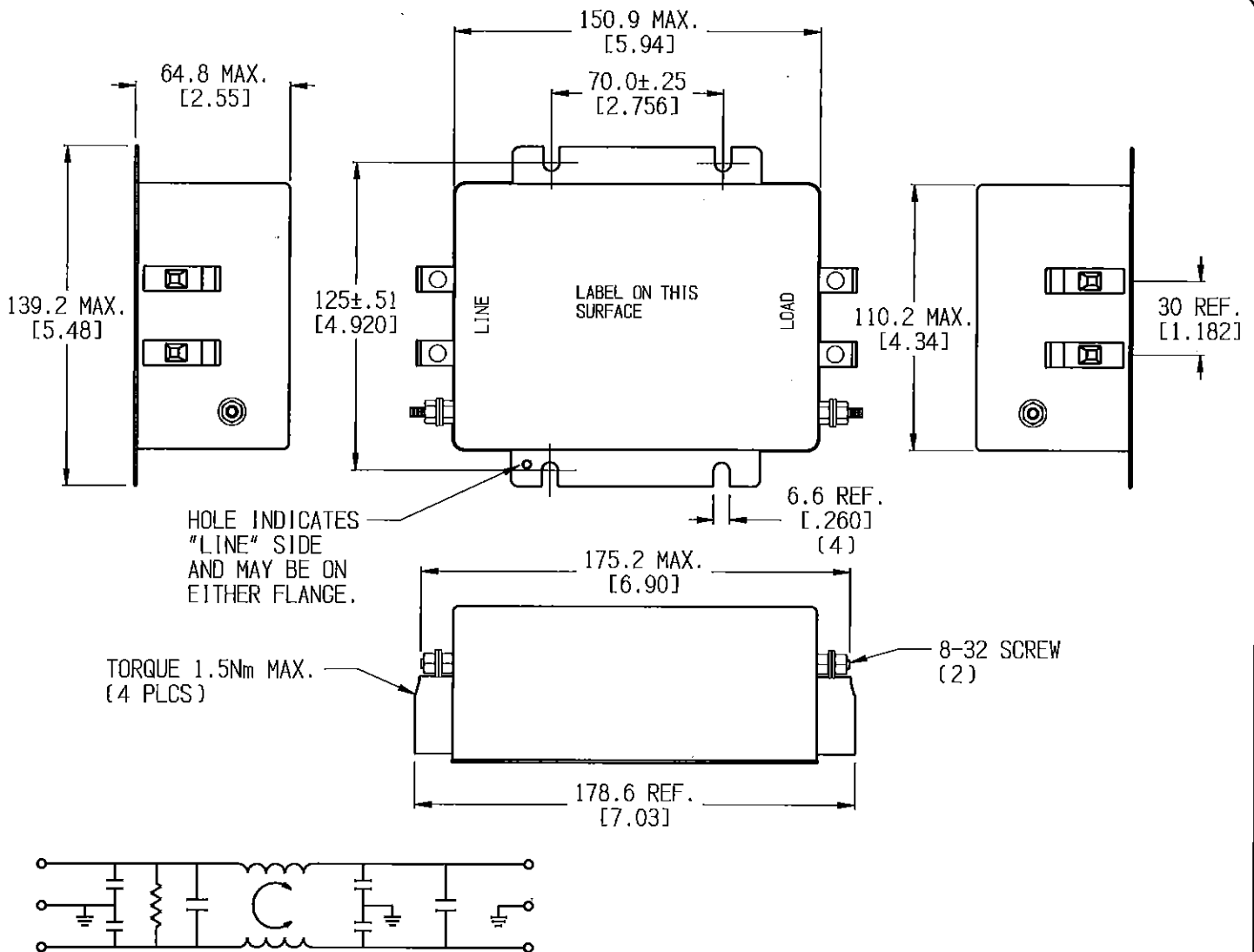
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # 25FC10B

ECN#	APPRVD	DATE
15-014088	TAM	01OCT15

50 Ω - 50 Ω (TYPICAL) INSERTION LOSS

FREQUENCY MHz	.01	.03	.05	.10	.15	.30	.50	1.0	3.0	5.0	10	30
COMMON dB	10	23	30	45	56	68	70	71	68	64	60	55
DIFF. dB	18	20	30	57	77	82	80	85	70	70	83	80

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 198-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO 8E ±0.64
MATERIAL & FINISH: AS SUPPLIED
DIMENSIONS IN MILLIMETERS

NOTES:

TE TE Connectivity

CUSTOMER DRAWING

TE PART NO.: 6609976-2

SCALE:	DATE:	DRAWING NUMBER:	REV.
3/8	01OCT15	25FC10B	0
DRW. BY: LJD	ORIG: TAM		

SHEET SIZE THIRD ANGLE PROJECTION
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