

CUSTOMER DRAWING		
CATALOG # 16BCF6		
ECN#	APPRVD	DATE
15-011624	TAM	08DEC15

**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
- CSA CERTIFIED: CSA C22.2 No. 8
- VDE APPROVED: EN 60939-2

**OPERATING SPECIFICATIONS**

LINE CURRENT/VOLTAGE: 16 AMP 277 VAC LINE TO GROUND  
16 AMP 480 VAC PHASE TO PHASE

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND: 30mA @ 277VAC 50 HZ

OPERATING AMBIENT TEMP. RANGE: -10°C TO +50°C @ RATED CURRENT, I<sub>r</sub>.

IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:

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

**RELIABILITY SPECIFICATIONS:**

STORAGE TEMPERATURE: -40°C TO +85°C  
HUMIDITY: 21 DAYS @ 50°C 95% RH.  
CURRENT OVERLOAD TEST: 6 TIMES I<sub>r</sub> FOR 8 SECONDS

**TEST SPECIFICATIONS:**

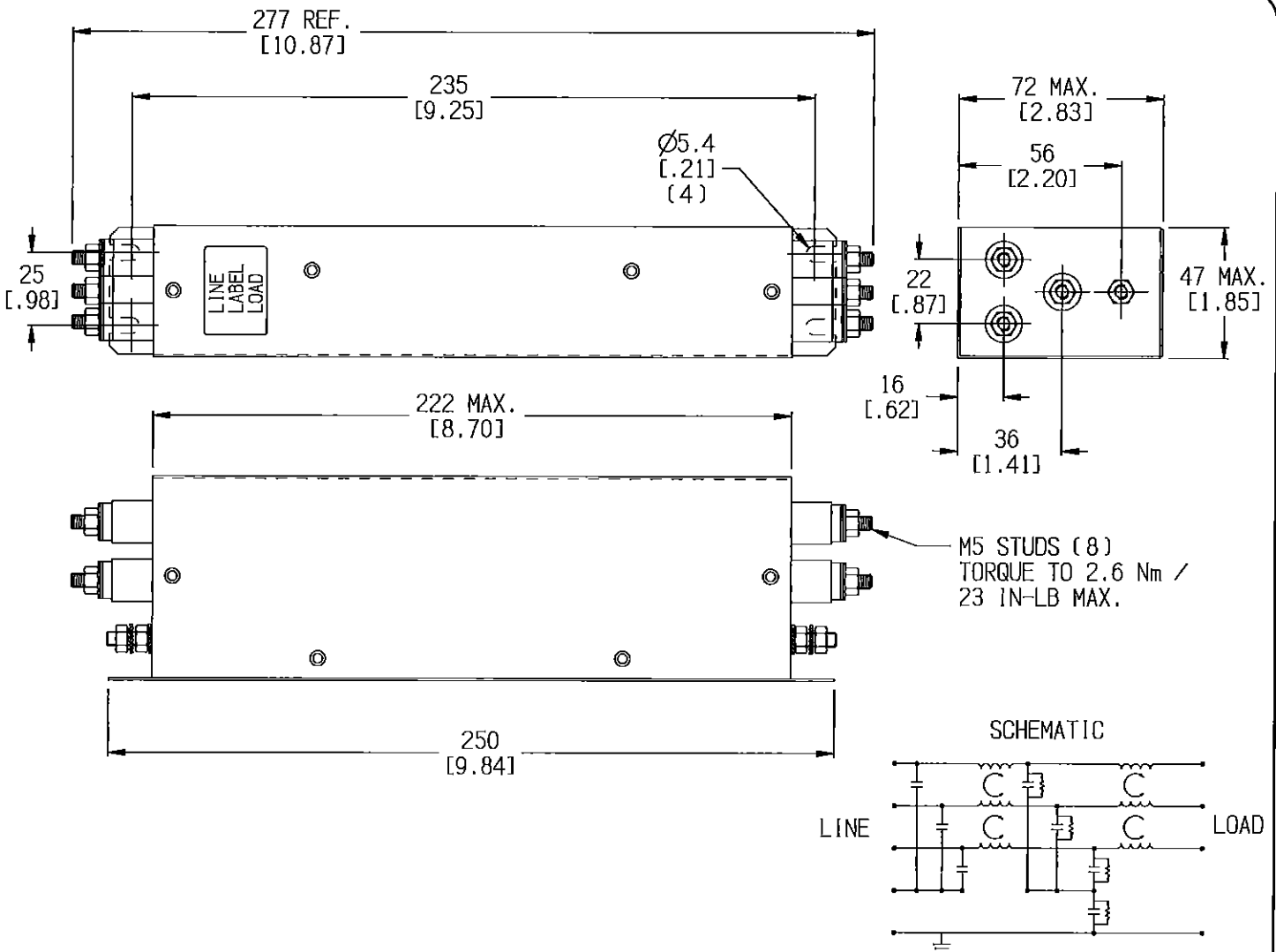
INDUCTANCE: 2.31 mH NOMINAL  
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
LINE TO GROUND: 2.01 μF±20%  
LINE TO LINE: 4.45 μF±20%  
DISCHARGE RESISTOR: 660K Ω  
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) 100VDC, 20°C AND 50% RH@

**RECOMMENDED RECEIVING INSPECTION HIPOT:**

LINE TO GROUND: 1850 VDC FOR 1 MINUTE  
LINE TO LINE: 1850 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 (TYPICAL) INSERTION LOSS												
FREQUENCY MHz	.01	.03	.05	.10	.15	.30	.50	1.0	3.0	5.0	10	30
COMMON dB	18	39	48	62	68	89	96	83	62	53	41	20
DIFF. dB	16	23	28	54	67	89	85	76	67	62	57	46

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PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES UNLESS OTHERWISE SPECIFIED  
TOLERANCE TO BE ±0.64 [±0.025]  
MATERIAL & FINISH: AS SUPPLIED  
DIMENSIONS IN MM [INCHES]

NOTES:

**TE** TE Connectivity

**CUSTOMER DRAWING**

TE PART NO.: 2-1609091-6

SCALE: NTS	DATE: 30CCT15	DRAWING NUMBER: 16BCF6	REV. A
DRN. BY: HS	ORIG: HS		

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)