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, 120/250 VAC,

16 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,

EACH LINE TO GROUND: 2μ AMP @ 120V 60Hz 5μ AMP @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, Ir.

IN AN AMBIENT, $T_{\!\scriptscriptstyle Q}$, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, Io, IS AS FOLLOWS: 85 - Ta $I_0 = I_r$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C HUMIDITY: 21 DAYS @ 40°C 95% RH. CURRENT OVERLOAD TEST: 6 TIMES In FOR 8 SECONDS

CUSTOMER DRAWING									
CATALOG # 16EHQ1									
ECN#	APPRVD	DATE							
13-007605	TAM	А							

TEST SPECIFICATIONS:

INDUCTANCE: 8.3 mH NOMINAL

CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)

LINE TO GROUND: LINE TO LINE: μF±20% NA 2.0 μF±20% DISCHARGE RESISTOR: 165 M ∩

L/G AND L/L I.R.

NO DISCHARGE RESISTOR: 6000M₁ (MIN.) @ 100VDC,

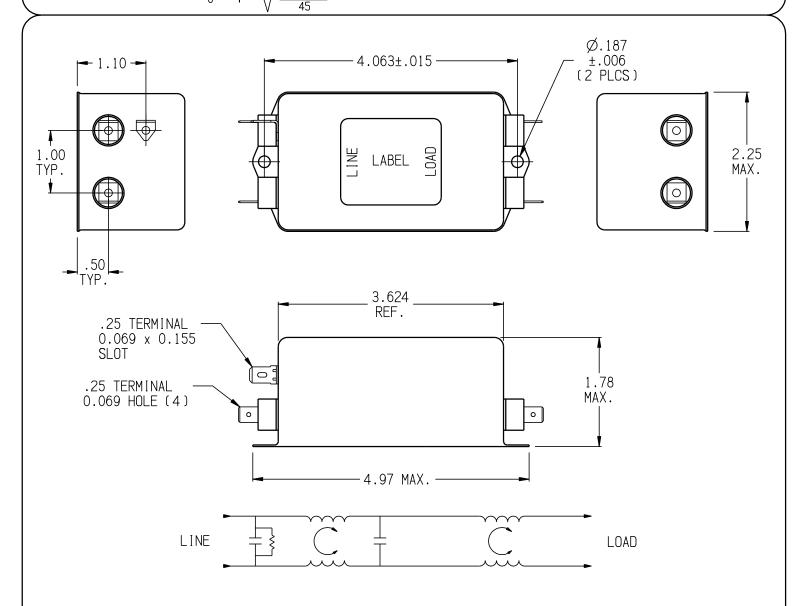
20°C AND 50% RH

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.



50 n - 50 n (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.04	.06	.10	.15	.40	1.0	5.0	10.0	30.0	/	/
CDMMDN dB	6	18	20	26	31	34	33	20	13	8	/	/
DIFF. dB	8	15	10	29	45	61	54	45	40	15	/	/
SHEET SIZE THIRD ANGLE PROJECTION THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDVIDE SUBSIDIARIES AND AFFILLATES. IT MAY NOT BE DISSLOSED TO ANYONE OTHER THAN TYCO ELECTRONICS PERSONNEL, WITHOUT WORLDVIDE AND ANYONE OTHER THAN TYCO ELECTRONICS PERSONNEL, WITHOUT WITHOUT FROM TYCO ELECTRONICS CORPORATION.												
	MHz CDMMDN dB DIFF. dB SHEET SIZE	FREQUENCY .01 CDMMDN 6 DIFF. 8 SHEET SIZE THERD A	FREGUENCY .01 .04 CDMMDN 6 18 DIFF. 8 15 SHEET SIZE THIRD ANGLE PROL	FREGUENCY .01 .04 .06 CDMMDN 6 18 20 DIFF. 8 15 10 SHEET SIZE THURD ANGLE PROJECTION	FREGULENCY	FREGULENCY	FREGULENCY	FREGUENCY	FREGULENCY .01 .04 .06 .10 .15 .40 1.0 5.0	FREGULENCY	FREGULENCY	FREGULENCY .01 .04 .06 .10 .15 .40 1.0 5.0 10.0 30.0 /

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

TE TE Connectivity

NOTES:

POWER LINE FILTER

16EHQ1

A1

TE PART ND.: 7-1609097-9 23APR13 DRAWING NUMBER: DATE: 5/8

DRIG: LJD TAM

16EHQ1-A.ckd