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 HET:

UL RECOGNIZED: UL 1283

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

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 20 AMP, 120/250 VAC,

16 AMP/40°C, 250 VAC

LINE FREQUENCY:

MAXIMUM LEAKAGE CURRENT,

EACH LINE TO CROUND:

2µ AMP @ 120V 60Hz

5µ AMP @ 250V 50Hz

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

IN AN AMBIENT, T_{α} , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_{α} , IS AS FOLLOWS: $I_{\alpha} = I_{\alpha} - \sqrt{85 - T_{\alpha}}$

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 # 20EHQ7 APPRVD DATE ECN# 13-007605 TAM | 06MAY13

TEST SPECIFICATIONS:

INDUCTANCE: 6.0 mH NOMINAL

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

LINE TO GROUND: LINE TO LINE: NA 4.4

μF ±20% μF±20%

DISCHARGE RESISTOR: .083 HA

L/G AND L/L I.R. NO DISCHARGE RESISTOR:

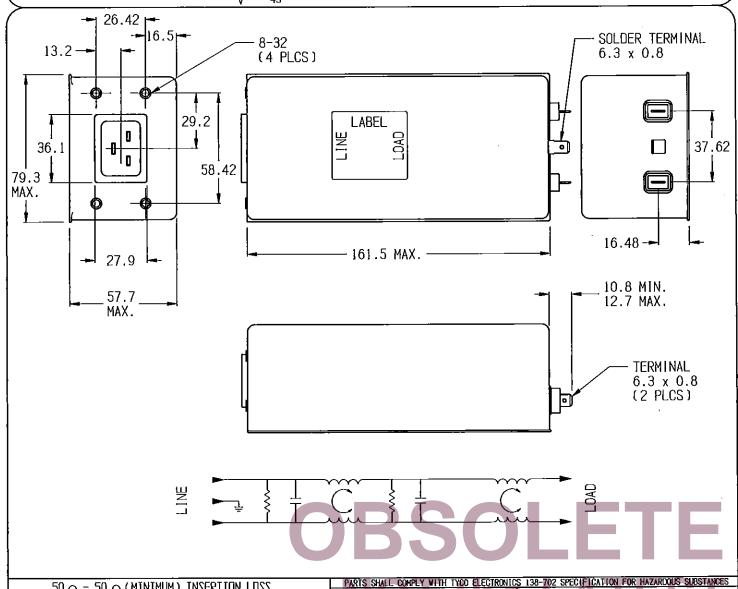
6000H₁ (HIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500 VAC FOR I KINUTE LINE TO LINE: 1450 VDC FOR I HINUTE

FILTER APPROVAL:

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



1												
50 A - 50 A (MINIMUM) INSERTION LOSS												
FREDLENCY HHz	.01	.02	.05	.15	.5	1	5	10	30	1	/	/
COMMON d8	6	12	20	30	34	34	25	20	15	1	/	/
OIFF. d8	15	20	20	46	65	70	65	60	60	1	1	/
A	THERE ANGLE PROJECTION			THIS IMPONATION IS CONFIDENTIAL ALD PROPRIETARY TO TYDD ELECTRONICS COOPERATION AND ITS WORDDRIVE SIERDINARIES AND PRIVILLARES. IT MAY NOT BE DISCLOSED TO ANYONE OTHER THAN TYDO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYDO ELECTRONICS EDWONATION.								

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

TE Connectivity

RΕV.

Å

NOTES:

20EHD7-A.ckd

POWER LINE FILTER

TE PART NO.: 3-1609037-7 OTHAY13 1/2 20EHQ7 TAM TAM

Mouser Electronics

Authorized Distributor

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

TE Connectivity: