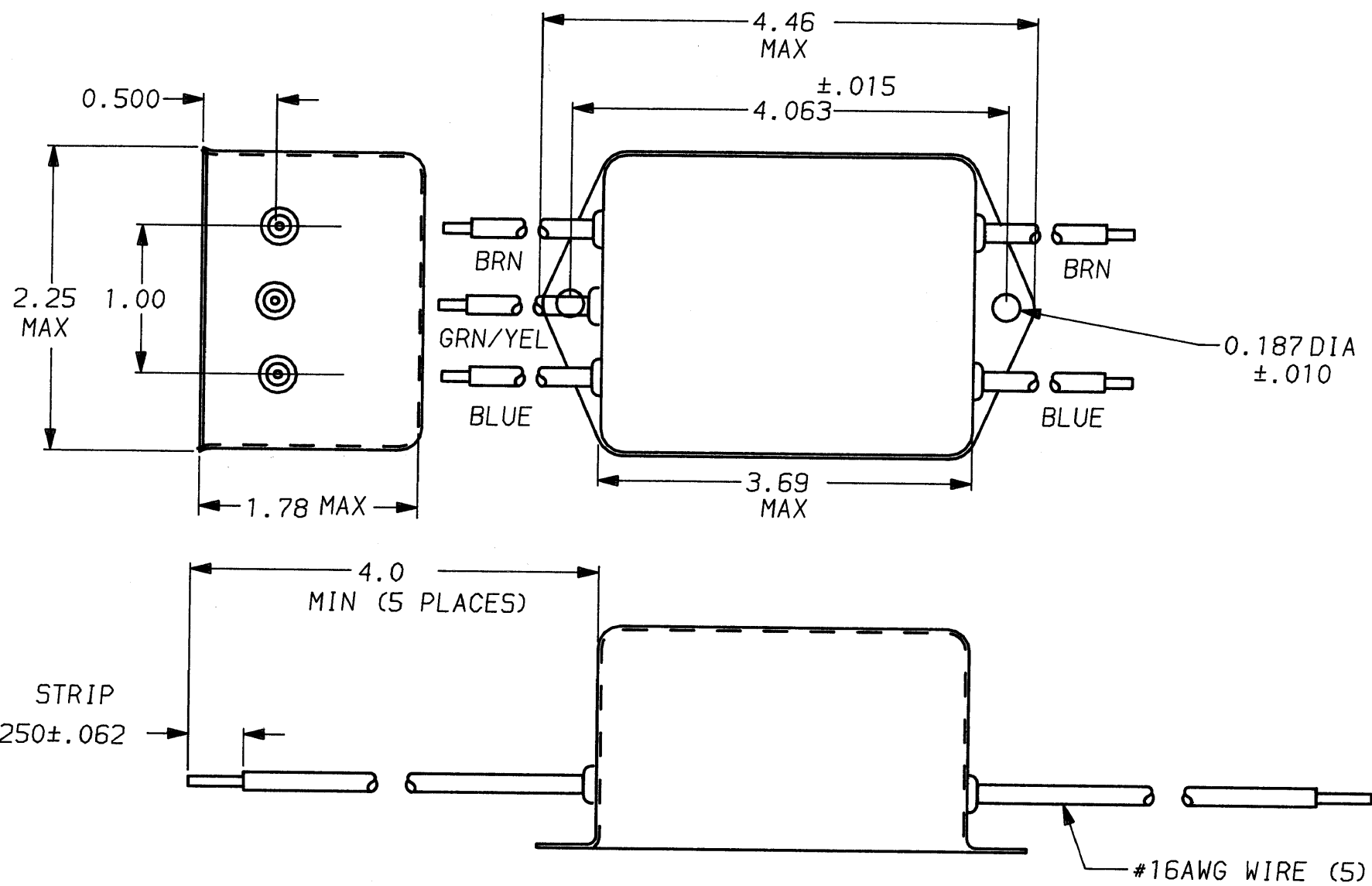


⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

1-6609035-0
 1-1609035-0 OBSOLETE ⚠

50Ω - 50Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.01	.02	.05	.1	.15	.5	1	5	10	20	30
COMMON dB	4	11	20	27	31	44	45	46	46	48	43
DIFF. dB	1	1	3	3	15	59	65	65	65	45	45

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TOLERANCE EXCEPT AS NOTED			
DECIMAL: .XXX	.XX	.X	ANGLES ± 1°
ENGLISH: ± .025			
METRIC: ±			
MATERIAL: AS SUPPLIED			
FINISH: AS SUPPLIED			

 LIBERTYVILLE, IL 60048			
POWER LINE FILTER			
SCALE NTS	DATE 9-12-89	DRG. NO. 1 OESK3	REV. 06
DRW. BY TDL	ORIGINATOR CW		

SAFETY ORGANIZATION(S):

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
- CSA CERTIFIED
- VDE APPROVED
- SEV APPROVED

OPERATING SPECIFICATIONS:

- LINE VOLTAGE/CURRENT: 10 AMP., 120/250 VAC
8 AMP./40°C, 250 VAC
 - LINE FREQUENCY: 50-60Hz
 - MAX. CASE RISE @ RATED CURRENT: 40°C
 - MAX. LEAKAGE CURRENT, EACH LINE TO GROUND: .25mA at 120V 60 Hz
.48 mA at 250V 50 Hz
 - 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 RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

- INDUCTANCE: 7.13 mH NOMINAL
- CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND: .006μF ±20%
- LINE TO LINE: .54μF ±20%
- DISCHARGE RESISTOR: 330 KΩ
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE: 6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

- LINES TO GROUND: 2250 VDC 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.

Mouser Electronics

Authorized Distributor

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

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[10ESK3](#)