

SAFETY ORGANIZATIONS

THE CONNECTOR USED IN THIS ASSEMBLY HAS RECEIVED RECOGNITION, CERTIFICATION AND APPROVAL IN FILES INDICATED BY THE FOLLOWING AGENCIES:

UL: E29179
CSA: LR19980
TUV: R9151436

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 15 AMP, 125 VDC,

LINE FREQUENCY: N/A

MAXIMUM LEAKAGE CURRENT, N/A
EACH LINE TO GROUND:

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

IN AN AMBIENT, T_o , HIGHER THAN 55°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{100 - T_o}{45}}$$

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: XXXX mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: X.XXXX μ F ±20%
LINE TO LINE: X.XXXX μ F ±20%
DISCHARGE RESISTOR: X.XM Ω
L/G AND L/L I.R.:
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC, 20°C AND 50% RH

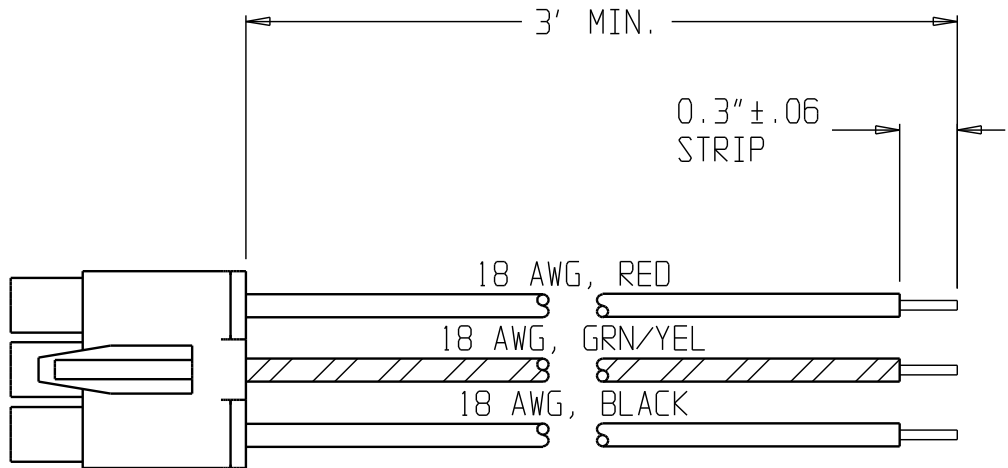
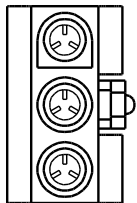
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # GA310

ECN # APPRVD. DATE



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

| FREQUENCY MHz | / | / | / | / | / | / | / | / | / | / | / |
|------------------|---|---|---|---|---|---|---|---|---|---|---|
| COMMON dB | / | / | / | / | / | / | / | / | / | / | / |
| DIFF. dB | / | / | / | / | / | / | / | / | / | / | / |

THIRD ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED,
TOLERANCE TO BE ±.025
MATERIAL & FINISH: AS SUPPLIED

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CONNECTOR ASSEMBLY

| | | | |
|---------------------------|-----|-------------|---------|
| TYCO ELECTRONICS PART NO. | | 0-1609136-2 | |
| SCALE: | NTS | DATE: | 30MAR04 |
| DRW. BY: | SD | CATALOG NO. | GA310 |
| | ELC | REV. | 0 |

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