CMC5
CMC6

S9UGG60IET 2.5G 4POE CIRCUIT

TOP AND BOTTOM PORTS

1. **CMC5**: Plastic housing (black), thermoplastic (blue), terminal block 500 V, 5 A, marked with a 10 mm² wire, temperature tolerance 80°C.
   - Uses a metal shield for protection against EMI.
   - Connects to a 40-pin connector with a 10 mm² wire, temperature range -40°C to 85°C.

2. **CMC6**: Plastic housing (black), thermoplastic (blue), terminal block 500 V, 5 A, marked with a 10 mm² wire, temperature tolerance 80°C.
   - Uses a metal shield for protection against EMI.
   - Connects to a 40-pin connector with a 10 mm² wire, temperature range -40°C to 85°C.

3. **TOP AND BOTTOM PORTS**:
   - **Cl-C2**: 1uf, 50V, X7R, CAPACITORS
   - **C6-C7**: 2uf, 100V, CAPACITORS
   - **C1**: 10uf, 3V, CAPACITORS
   - **R1-R4**: 75 Ohms, 1/16W, RESISTORS

4. **Wiring Diagram**:
   - Diagram showing connections between Cl to C7, with specific connections marked for VCC, GND, and other components.

5. **Additional Notes**:
   - All parts are marked with temperature ranges and tolerances for safe operation.
   - Diagram includes connections for power and ground, ensuring proper electrical flow.

6. **Safety Considerations**:
   - Ensure all connections are secure to prevent electrical shorts.
   - Use appropriate tools for soldering to avoid thermal damage.

7. **Maintenance**:
   - Regular checks for loose connections and proper thermal management are recommended.

8. **Environmental Conditions**:
   - Operating temperature: -40°C to 85°C
   - Storage temperature: -40°C to 125°C

9. **Certifications**:
   - Meets relevant safety and compliance standards.

10. **Warranty**:
    - Warranty is valid for 2 years from the date of purchase.

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**Notes for Users**

- Always unplug the device before performing any maintenance work.
- Use only authorized replacement parts.
- Consult with a professional if you are unsure about any aspect of the installation or maintenance.