Miscellaneous EE tips

- Don't mix plating materials on connector contacts, as this increases likelihood of corrosion. For instance, gold plated-to-gold plated is fine, tin-to-tin is fine. Gold-to-tin is bad.
- Need your electronics to be exposed to the weather? Look into this stuff:
    - Conformal coating (if you can't put electronics in a sealed box)
    - IP rated connectors
    - Connector lubricant/grease