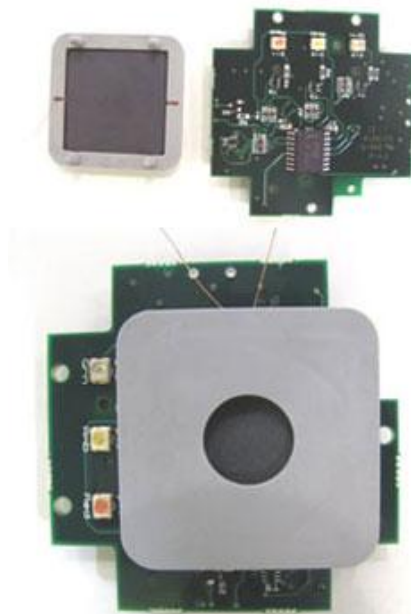


Internal Photographs

1. Internal Construction



Loop antenna wound around plastic coil former



Antenna/coil former attachment to circuit board.

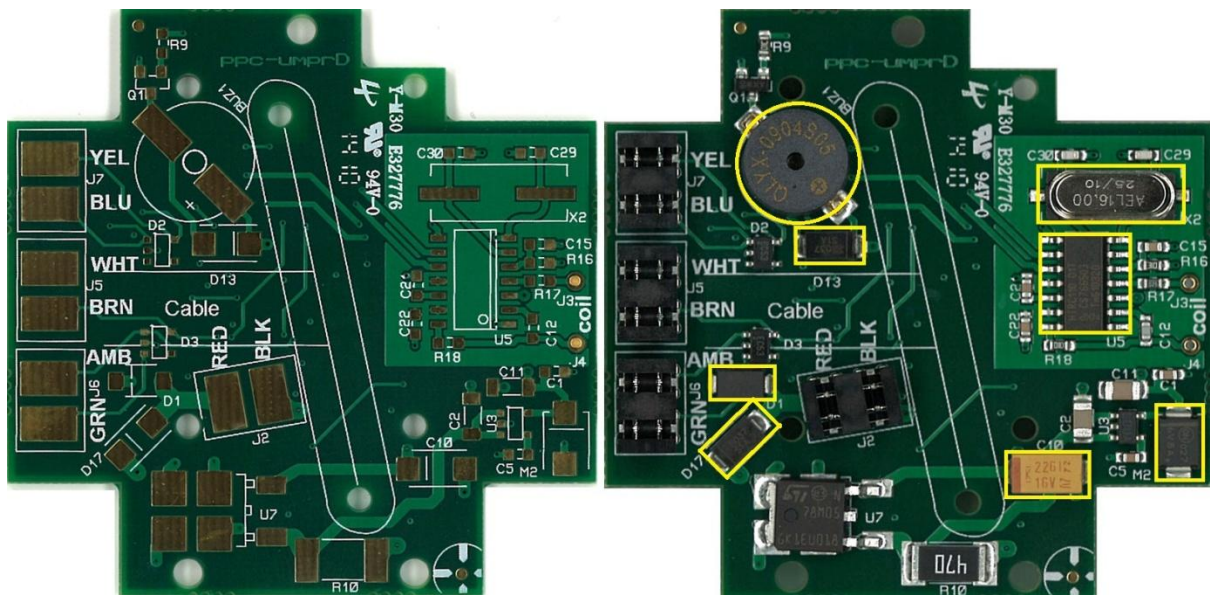


Circuit board and coil former placed inside reader housing.



Securement of circuit board and cable clamp to reader housing with five screws.

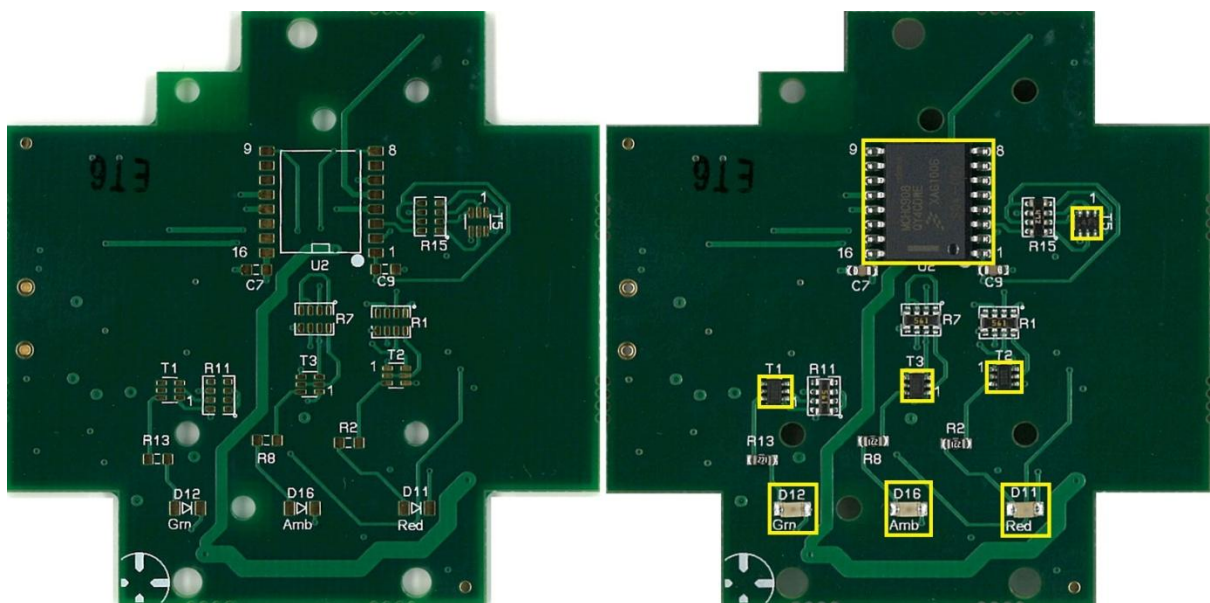
2. Circuit board layout and component placement



Unpopulated PCB

Populated PCB

Circuit board top view



Unpopulated PCB

Populated PCB

Circuit board bottom view