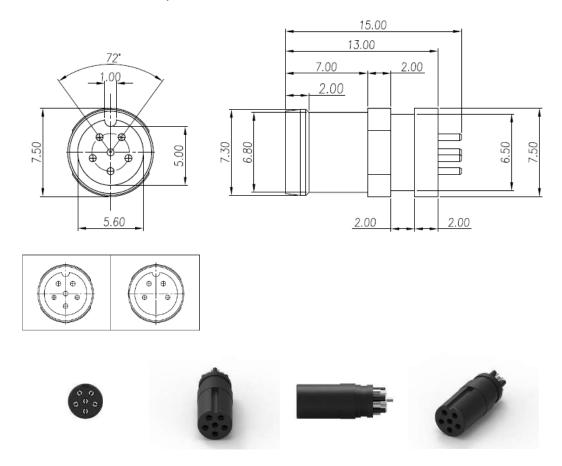
Female Connector Proposal:



Feature SPEC:

1. Connector: Female Type, Cable Soldering Type

Pin count: 6pins
Current Rating: 1A
Voltage Rating: 30V

5. Operation Temperature: -20° C ~ 85° C

6. Housing: PBT UL94V-0

7. Color: Black

8. Contact: Brass, Silver Plated