1. Workmanship to be equal to and compliant with the requirements of IPC-A-610 Class 2.
2. Mark serial number as shown; marking to be 0.10" high characters using white epoxy ink, per MIL-1-43553, type B.
3. Designations are for reference only and do not appear on individual parts.
4. Observe anti-static precautions during assembly.
5. Process using a no-clean SnAgCu lead-free process. Ensure board are clean and free of flux.
6. Follow manufacturer's guidelines for soldering the MEMS microphone and speaker.
7. Follow polarity markings as per drawing.
8. Board edge finish to be a straight/flush edge; burrs are not acceptable.
9. BOM line plus – alternative suppliers must be agreed in writing by the Microbit Educational Foundation prior to assembly.