



1. General: Acceptability criteria per IPC-6012 Class 2.
2. Material: 370HR Laminates and prepregs or IPC-4101/101 equivalent. RoHS compliant no lead PCB. Laminate must conform to UL 94V-0.
3. Dimensions: Overall dimensions must be ± 0.1 mm.
4. Thickness: 62mil $\pm 10\%$ (Finished).
5. Plating: Foil 0.5oz and plate up to 1.0oz copper on outer layers. Plated holes shall have minimum average copper thickness of 0.25mm with an absolute minimum thickness of 0.2mm.
6. Finish: ENIG per IPC-4552.
7. Annular Ring: Breakthrough is not permitted.
8. Solder Mask: SMOBC liquid photo imageable soldermask, green in color.
9. Silkscreen: White, non-conductive ink.
10. PCB: Nominal conductor width/space (12mil/8mil)
11. Drill Tolerance: Must be ± 0.08 mm.
12. Solderability: Shall be in accordance with IPC.

Signal Amplifier, Adjustable Gain and Filter
By Benjamin Corman

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