

REV	DESCRIPTION	ECO	DATE
A1	INITIAL RELEASE	1004	

NOTES:
1. DIMENSIONS ARE IN MILLIMETERS.

2. MANUFACTURING SPECIFICATIONS:
- ADDITIONAL OPTIONS AVAILABLE UPON REQUEST.

2.1 BASE MATERIAL: FR4-TG130

2.2 LAYERS: TWO (2)

2.3 COPPER WEIGHT:
DEFAULT:
- ONE OUNCE (1 oz)

AVAILABLE UPON REQUEST:
- TWO OUNCE (2 oz)

2.4 PIECES PER PANEL: FOUR (4)

2.5 PCB THICKNESS:
DEFAULT:
- 1.60 MM

AVAILABLE UPON REQUEST:

- 0.6 MM
- 0.8 MM
- 1.0 MM
- 1.2 MM
- 2.0 MM

2.6 PCB COLOR:
DEFAULT:
- GREEN

AVAILABLE UPON REQUEST:

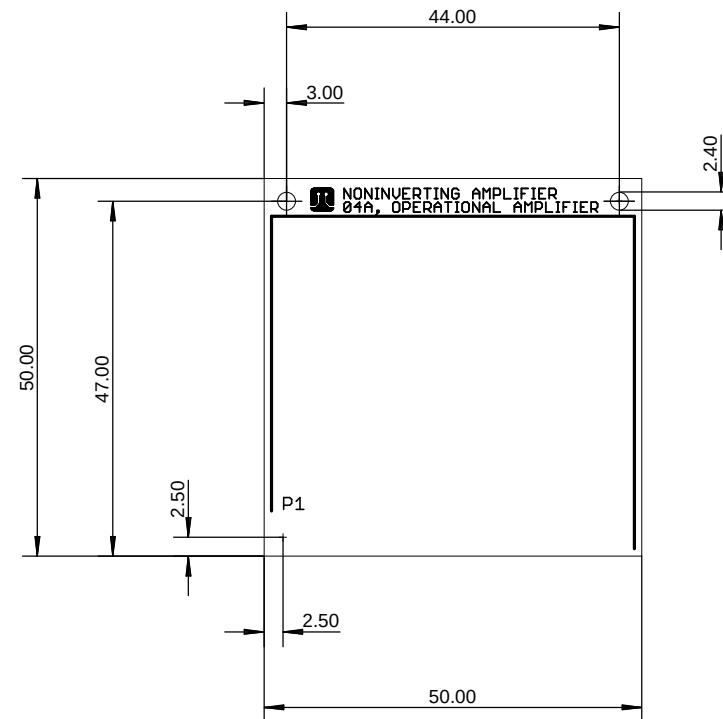
- RED
- YELLOW
- BLUE
- WHITE
- BLACK
- MATTE BLACK

2.7 SURFACE FINISH:

DEFAULT:
- HOT AIR SOLDER LEVELED (HASL)

AVAILABLE UPON REQUEST:

- LEAD FREE HOT AIR SOLDER LEVELED (HASL LEAD FREE)
- ELECTROLESS NICKEL IMMERSION GOLD (ENIG)
- ORGANIC SOLDERABILITY PRESERVATIVES (OSP)



22	U1	OPAMP, DUAL	DIP8	
21	R12	RESISTOR	1/4 W	
20	R11	RESISTOR	1/4 W	
19	R10	RESISTOR	0.1" PITCH	
18	R9	RESISTOR	1/4 W	
17	R8	RESISTOR	1/4 W	
16	R7	RESISTOR	1/4 W	
15	R6	RESISTOR	1/4 W	
14	R5	RESISTOR	1/4 W	
13	R4	RESISTOR	1/4 W	
12	R3	RESISTOR	1/4 W	
11	R2	RESISTOR	0.1" PITCH	
10	R1	RESISTOR	1/4 W	
9	P1	HEADER PINS, 7P	0.1" PITCH	
8	C7	CAPACITOR	5MM PIT.	
7	C6	CAPACITOR	5MM PIT.	
6	C5	CAPACITOR	5MM PIT.	
5	C4	CAPACITOR	5MM PIT., 10DIA.	
4	C3	CAPACITOR	5MM PIT., 10DIA.	
3	C2	CAPACITOR	5MM PIT.	
2	C1	CAPACITOR	5MM PIT.	
1	—	PCB, BARE BOARD	N/A	04A-010
FIND	REF DES	DESCRIPTION	FOOTPRINT	VALUE



TITLE	NON-INVERTING AMPLIFIER
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PRINTED CIRCUIT BOARD
OPERATIONAL AMPLIFIER
DUAL OPAMP CIRCUIT
SINGLE SUPPLY, DC BIAS TRIMMER

DATETIME STAMP	
9/20/2023 4:39 PM	
DR	DATETIME
N. MANTEUFEL	04SEP2023
ENG	DATETIME
QA	DATETIME

SIZE B	DWG NO 04A-010	REV A1
SCALE NONE	SHEET 1/2	

THIS DRAWING AND THE INFORMATION IT CONTAINS
IS PROVIDED FOR EDUCATIONAL USE ONLY.

