

MAGNALTIX[®]

MGX B-54 Type I SIR Test Board

Practical Uses

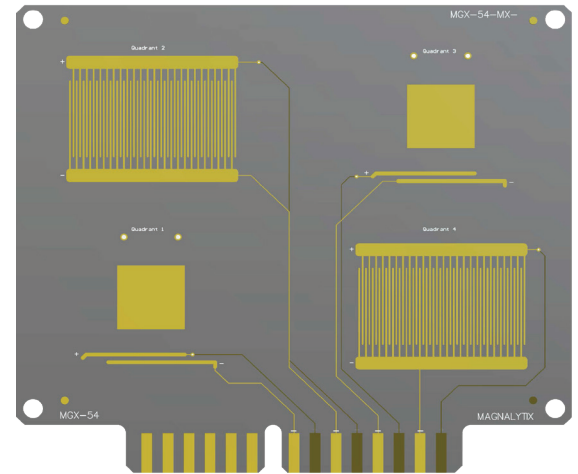
The Magnalytix B-54 test board – similar in design to the IPC B-25A test board.

The MGX B-54 is an IPC Compliant test board for testing the current guidelines for Solder Masks (IPC-SM-804C) and conformal coatings (IPC-CC-830A).

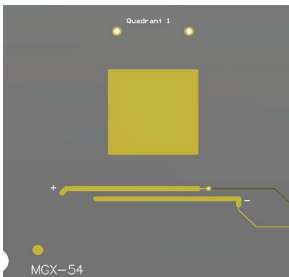
The board is 0.062" FR-4 bare laminate. The standard surface finish is OSP over copper. Other surface finishes such as ENIG and ImAg are available by special order.

The MGX B-54 is used to evaluate interactions between solder masks, solder paste, fluxes, and conformal coatings.

- The test board is sold in lots of 50
- Surface Finish Options include
 - ENIG
 - OSP over Copper
 - ImAg
- Board Features
 - OSP Copper
 - Ni-Au Connector Fingers
 - Solder Mask – None
 - Single Layer Board

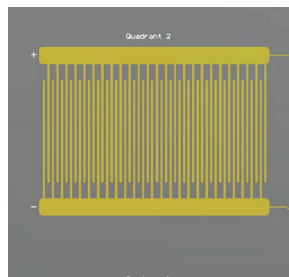


SIR Test Parameters



QUADRANT 1

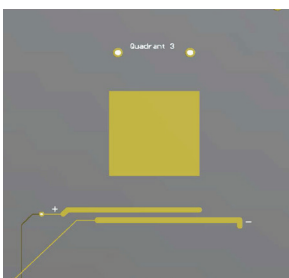
EDGE PIN 1 = Negative Trace
EDGE PIN 2 = Positive Trace



QUADRANT 2

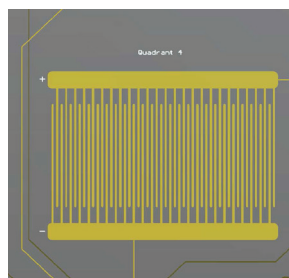
EDGE PIN 3 = Negative Trace

EDGE PIN = Positive Trace



QUADRANT 3

EDGE PIN 5 = Negative Trace
EDGE PIN 6 = Positive Trace



QUADRANT 4

EDGE PIN 7 = Negative Trace
EDGE PIN 8 = Positive Trace

Test Card Comparison

	MGX B-54 Type I SIR Test Board	Lines and Spacing
Quadrant 1	Conformal Coating Test Pattern	QTY of Custom Pattern (2-Leads w/30 mil width/gap, 1-500 mil sq pad, 2-35 mil res holes)
Quadrant 2	B-24 SIR Comb Pattern	QTY of Custom Comb Pattern (50-Leads, 12.5 mil width, 12.5 mil gap)
Quadrant 3	Conformal Coating Test Pattern	QTY of Custom Pattern (2-Leads w/30 mil width/gap, 1-500 mil sq pad, 2-120 mil res holes)
Quadrant 4	B-24 SIR Comb Pattern	QTY of Custom Comb Pattern (50-Leads, 12.5 mil width, 12.5 mil gap)

MGX B-54 Type I SIR Test Set

The MGX B-54 Type I is an open pad and open comb test board. The board is offered in a lots of 50 boards.