

# MAGNALYTIX™

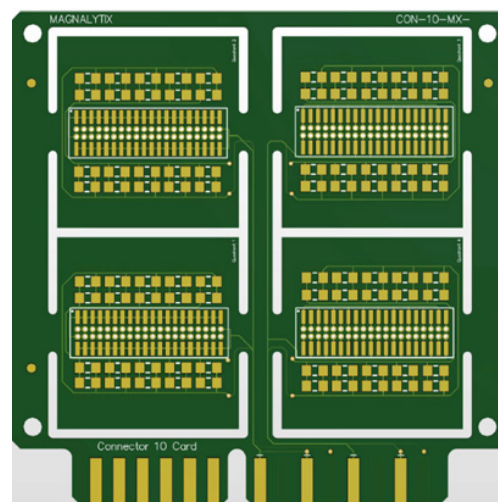
## MGX OE Test Set - Connector 10

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Each MGX OE Test Set includes the substrates and components to build complete assemblies needed for 1 standard testing cycle and provide the objective evidence needed to meet IPC J-STD-001G.AM 1.

### Connector 10 Test Set Includes:

- 10 – MGX OE Test Cards
- 220 – MGX 1206 chip caps/resistors
- 4 – MGX FOLC-120-M1-L-Q Connector



*MGX Connector 10*

### Practical Uses

The Connector 10 SIR test board finds use in Materials Characterization and Process Control.

- The MGX FOLC-120-M1-L-Q Connector contains both surface mount and through hole technology. This board is used to evaluate SMT/Wave Soldering or SMT/Selective soldering.
- The board is a good study for companies that build with No-Clean solder materials and do not clean.
- The board is a good study for rework.
- The four channel board routes sensors in both a horizontal and vertical pattern. This provides insight into the distance between conductors.

## SIR Test Parameters

### QUADRANT 1

EDGE PIN 1 = CONN EVEN ROW PADS  
EDGE PIN 2 = CONN ODD ROW PADS  
EDGE PIN 3 = ALL RES PAD 1  
EDGE PIN 4 = ALL RES PAD 2

### QUADRANT 3

EDGE PIN 5 = CONN EVEN PADS  
EDGE PIN 6 = CONN EVEN PADS  
EDGE PIN 7 = ALL RES PAD 1  
EDGE PIN 8 = ALL RES PAD 2

### QUADRANT 2

EDGE PIN 1 = CONN EVEN ROW PADS  
EDGE PIN 2 = CONN ODD ROW PADS  
EDGE PIN 3 = ALL RES PAD 1  
EDGE PIN 4 = ALL RES PAD 2

### QUADRANT 4

EDGE PIN 5 = CONN ODD PADS  
EDGE PIN 6 = CONN EVEN PADS  
EDGE PIN 7 = ALL RES PAD 1  
EDGE PIN 8 = ALL RES PAD 2

## SIR is the Answer for Objective Evidence

IPC J-STD-001G.AM 1 no longer accepts ROSE data as adequate objective evidence of product quality. MAGNALYTIX has developed the OE-line of testing machines to address the challenge facing every electronics assembly shop manufacturing to meet the updated standards.

