

Gaging Services

Introduction

The proper and consistent installation of the strain gage plays a major role in the ultimate performance of the sensor. The Piezo-Metrics gaging staff has decades of expertise handling and installing semiconductor strain gages in a myriad of transducer applications. Piezo-Metrics follows a straightforward procedure to establish capture client requirements.

Setting-up Gaging Services

Information capture is the first task to procuring Gaging Services. It is divided into two steps:

1. Clients are responsible for producing a dimensioned drawing of their part with a drawing reference number.
 - 1.1 The drawing must show the exact position of the strain gages on the part with dimensions.
 - 1.2 The drawing must provide unique gage labels for each gage shown on the drawing, e.g. G1, G2, G3, G4.
 - 1.3 The drawing must show any keep-out areas for terminal pad or cable routing placement.
 - 1.4 The drawing must show the type, length and position of any instrumentation cables attached to the terminal pads.
 - 1.5 The drawing must show a schematic of the desired bridge wiring using the unique gage labels.
 - 1.6 The drawing must have a Drawing Number.
2. Piezo-Metrics is responsible for producing a Statement of Work (SOW) with a document reference number that details:
 - 2.1 the receiving inspection procedure and acceptance criteria,
 - 2.2 specific instructions to the gaging technician concerning part preparation, gage bonding, adhesive curing and wiring,
 - 2.3 the gaged part acceptance procedure and acceptance criteria,
 - 2.4 the list of deliverables, and
 - 2.5 completed part packaging and shipping instructions.



The quoting task is divided into three steps:

1. The client must approve the Piezo-Metrics SOW.
2. Piezo-Metrics must approve the client's drawing.
3. Piezo-Metrics prepares a quote for the gaging work based on the client drawing and the Piezo-Metrics SOW.

Additional Information

For more information about any of the topics discussed in this Technical Note, please visit the Piezo-Metrics website at www.piezo-metrics.com and enter questions into the Customer Service Agent. Questions can be similar to:

'tell me more about gaging services'

'tell me more about Piezo-Metrics'

