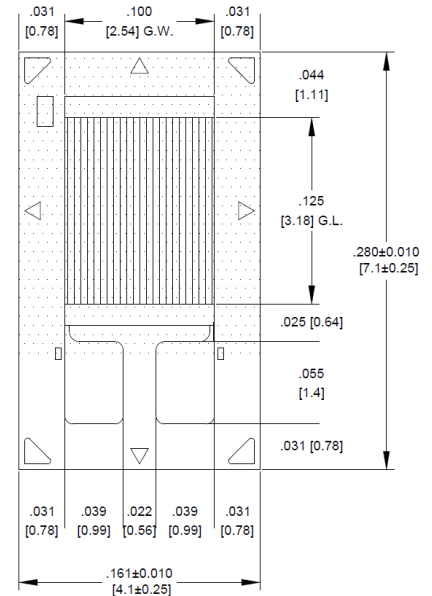


Main properties

- High performance linear Strain Gage with pre-attached thin cable
- 350Ω grid for reduction of self-heating and thermal induced errors. Grid length: 125[mils]
- Strain Gage is pre-wired with 30AWG, PVC coated, color coded flat cable in 2 wire configuration 3ft
- Gage and wires standard operating temperature up to 80°C
- Easy to use packaging with engineering data
- RoHS compliance



| Item | Value | |
|---|----------------|-----------------|
| Grid length | 0.125" [3.2mm] | |
| Resistance | 350±0.3% | |
| Gage Factor | 2.07 | |
| Transverse Sensitivity | 0.53% | |
| Operating Temperature | Up to 80°C | |
| Gage Structure | Backing | Polyimide, 20µm |
| | Resistive Foil | Constantan |
| | Encapsulation | Polyimide* |
| Thermal performance coefficients on package, per gage lot | | |

*As a standard, where applicable

** GF and TS values are for A83 ingot, for other ingots slight variations are possible, indicated on package

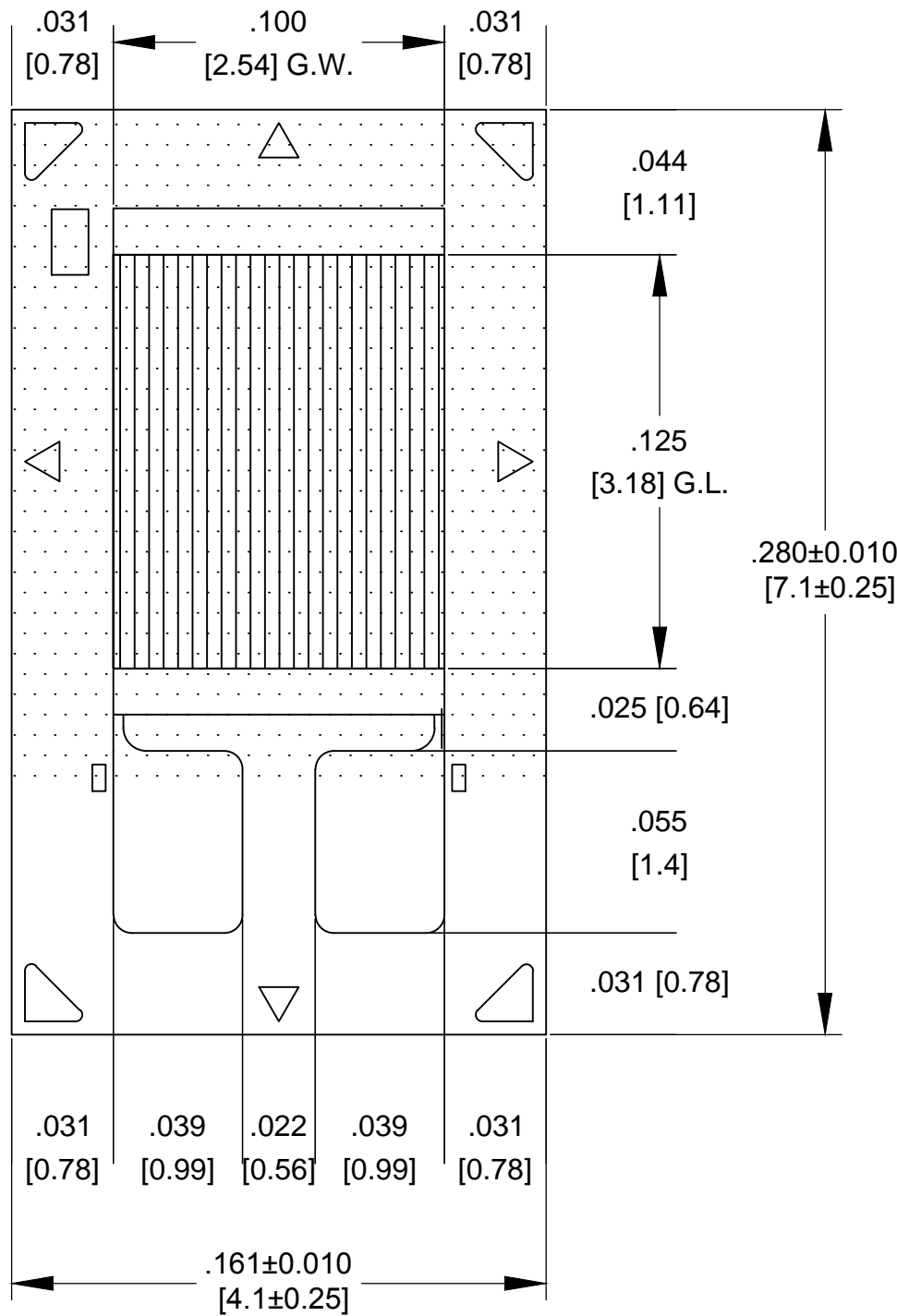
Wires

- Flat cable of 30AWG wires, PVC insulated, thin and flexible for easy handling
- Stripped and tinned at ends for easy integration directly to DAQ terminals
- Operating temperature up to 80 °C
- Color coding:

| Grid 1 | |
|------------|----------|
| Pad A | Pad B |
| White wire | Red Wire |

For technical questions, contact mm.as@vpgsensors.com

| | | | | |
|-----|----------|-----|---------|------------|
| LTR | REVISION | ERN | INITIAL | DATE |
| ~ | | | OS | 2018-02-28 |



DIMENSIONS TOLERANCE IS $\pm .0025$ [± 0.06]

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Micro-Measurements
Raleigh, North Carolina USA



125SL PATTERN LAYOUT

CONSTRUCTION:

OPTIONS:

C4A

RESISTANCE:

REFERENCE:

350 \pm 0.3%
120 \pm 0.3%

DRAWN BY:

DATE:

SCALE:

ALL DIMENSIONS ARE IN INCHES [mm].

OS

2018-02-28

N.T.S.

PROJ. ENG.

DATE:

DWG. #

REVISION:

AH

2018-02-28

MS-125SL-10520

~

Advanced Sensors 'C4A Series' Packaging

1. Micro-Measurements Advanced Sensors C4A Strain Gages are packaged in a rugged carton box for product protection and ease of usage:



Engineering data is on the backside label

2. Standard package includes 10 gages per box, each gage is packaged in an individual Anti-Static bag:



3. Gage is protected within an Acetate folder. Wire is winded into a coil and binded with a tie twist for easy wire handling:



For technical questions, contact mm@vpgsensors.com