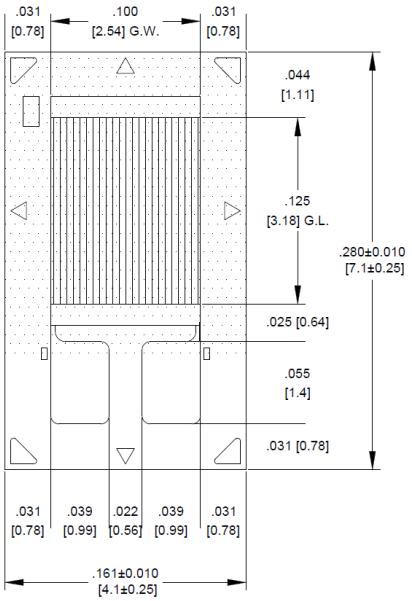
C4A-06-125SL-350/39P
Linear Gage Datasheet

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 3 wire configuration 9ft
- 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 hanlding
- 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 A	Pad B
Black wire	White Wire	Red Wire

LTR	REVISION	ERN	INITIAL	DATE
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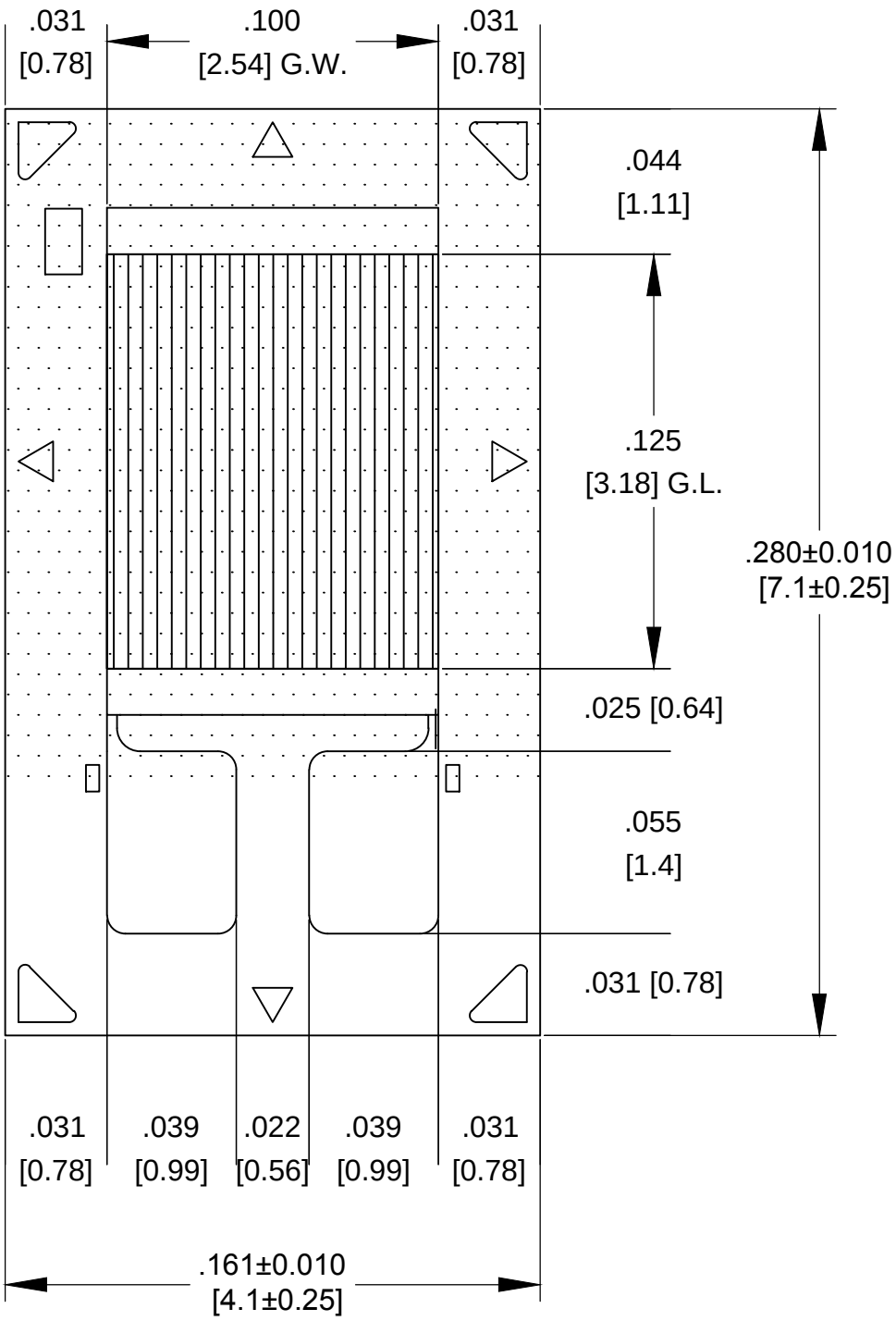

DIMENSIONS TOLERANCE IS ±.0025 [±0.06]

Micro-Measurements
Raleigh, North Carolina USA

125SL PATTERN LAYOUT

CONSTRUCTION:	OPTIONS:
C4A	
RESISTANCE:	REFERENCE:
350±0.3% 120±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: