DART SENSORS

TRANSDERMAL ALCOHOL SENSOR

Transdermal Alcohol Sensors represent a significant advancement in monitoring alcohol consumption.

This transdermal sensor is designed for continuous monitoring of blood alcohol levels through passive sampling in discreet next-to-skin designs.

- Well-suited to default-zero applications such as 'sobriety tag' compliance monitoring.
- Also applicable in R&D projects seeking to investigate and codify the relationship between BAC level and alcohol detectable via the cellular interstitial fluid.

SENSOR CHARACTERISTICS AND CONDITIONS

Parameter	Value	Units
Maximum Ethanol Concentration	250	ppm
Storage Temperature Range	-40 to 60	°C
Recommended Usage Temperature	30 to 40	°C
Service Life	3-5	years
Sensitivity	10	nA/ppm

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ISO 9001
ISO 14001
ISO 45001
INTEGRATED MANAGEMENT

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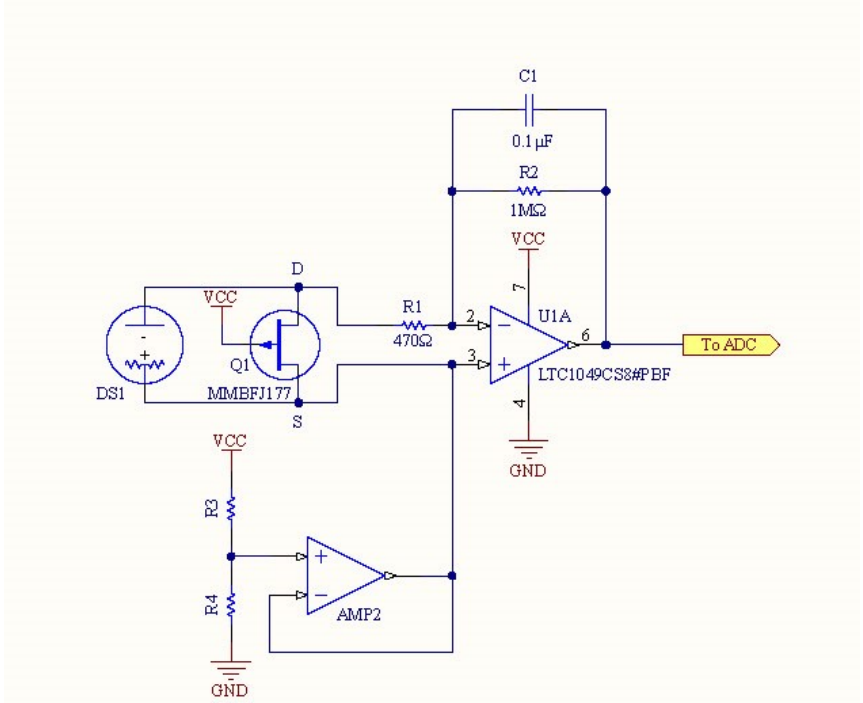
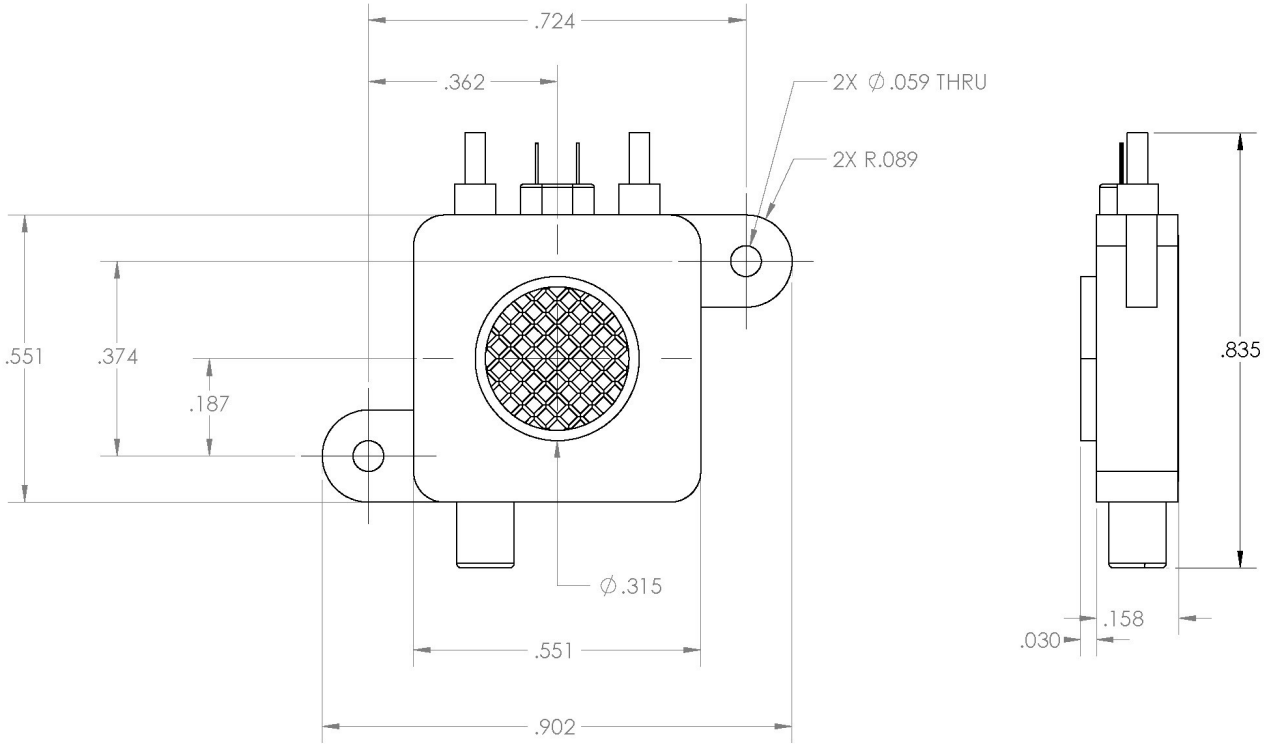
APPLICATION CIRCUIT



DIMENSIONS



The information provided by Dart Sensors is intended for general guidance only. As the use of our products is beyond our control, we cannot accept any legal responsibility for their performance. Customers are advised to conduct their own tests to ensure the suitability of the sensors for their specific applications.
In accordance with the Dart Sensors' policy of continued product improvement, Dart Sensors reserves the right to make product changes without notice.

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