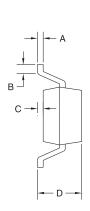
CMPD2836E CMPD2838E

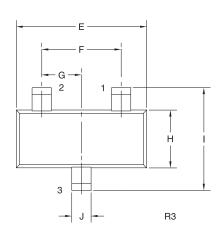
# **ENHANCED SPECIFICATION**

SURFACE MOUNT DUAL, SILICON SWITCHING DIODES



### **SOT-23 CASE - MECHANICAL OUTLINE**

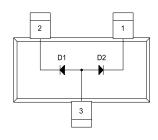


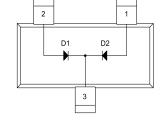


DIMENSIONS				
	INCHES		MILLIMETERS	
SYMBOL	MIN	MAX	MIN	MAX
Α	0.003	0.007	0.08	0.18
В	0.006	-	0.15	-
С	-	0.005	-	0.13
D	0.035	0.043	0.89	1.09
Е	0.110	0.120	2.80	3.05
F	0.075		1.90	
G	0.037		0.95	
Н	0.047	0.055	1.19	1.40
	0.083	0.098	2.10	2.49
J	0.014	0.020	0.35	0.50

SOT-23 (REV: R3)

#### **PIN CONFIGURATIONS**





### CMPD2836E

### LEAD CODE:

- 1) Cathode D2
- 2) Cathode D1
- 3) Anode D1, D2

MARKING CODE: CA2E

### CMPD2838E

## LEAD CODE:

- 1) Anode D2
- 2) Anode D1 3) Cathode D1, D2

MARKING CODE: CA6E

R3 (25-January 2010)

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### **OUTSTANDING SUPPORT AND SUPERIOR SERVICES**

#### PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- · Inventory bonding
- · Consolidated shipping options

- · Custom bar coding for shipments
- · Custom product packing

#### **DESIGNER SUPPORT/SERVICES**

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2<sup>nd</sup> day air)
- · Online technical data and parametric search
- SPICE models
- · Custom electrical curves
- · Environmental regulation compliance
- · Customer specific screening
- · Up-screening capabilities

- Special wafer diffusions
- · PbSn plating options
- · Package details
- · Application notes
- · Application and design sample kits
- Custom product and package development

### REQUESTING PRODUCT PLATING

- 1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
- 2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

# **CONTACT US**

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