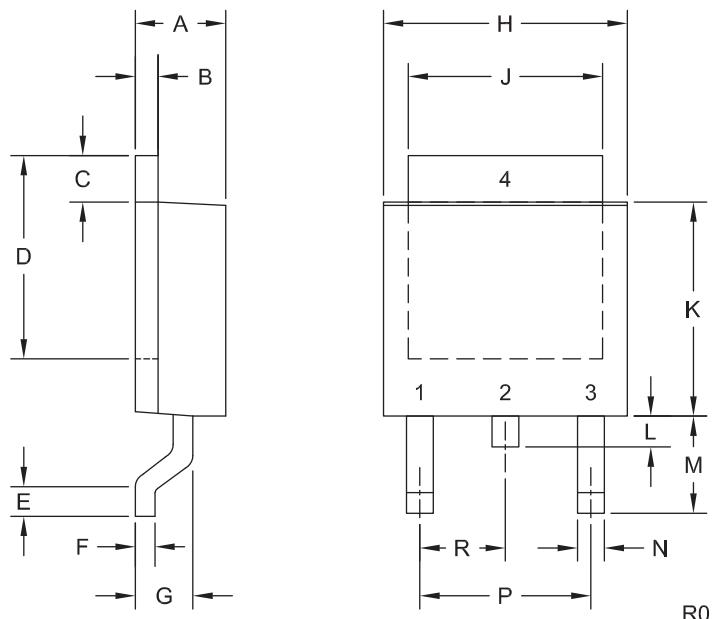


CSHD6-100C

SURFACE MOUNT SILICON  
DUAL, COMMON CATHODE  
HIGH VOLTAGE  
SCHOTTKY RECTIFIER  
6.0 AMP, 100 VOLT

**Central**  
Semiconductor Corp.™

DPAK CASE - MECHANICAL OUTLINE

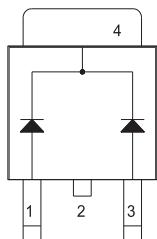


**LEAD CODE:**

- 1) Anode 1
- 2) Cathode
- 3) Anode 2
- 4) Cathode

Pin 2 is common to the tab (4)

**MARKING: FULL PART NUMBER**



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.083	0.108	2.10	2.75
B	0.016	0.032	0.40	0.81
C	0.035	0.063	0.89	1.60
D	0.203	0.228	5.15	5.79
E	0.020	-	0.51	-
F	0.018	0.024	0.45	0.60
G	0.051	0.071	1.30	1.80
H	0.248	0.268	6.30	6.81
J	0.197	0.217	5.00	5.50
K	0.209	0.245	5.30	6.22
L	0.025	0.040	0.64	1.02
M	0.090	0.115	2.30	2.91
N	0.012	0.045	0.30	1.14
P	0.180		4.60	
R	0.090		2.30	

DPAK (REV: R0)

R7 (1-March 2016)

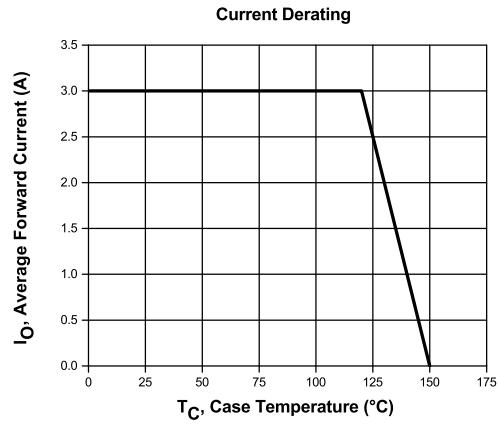
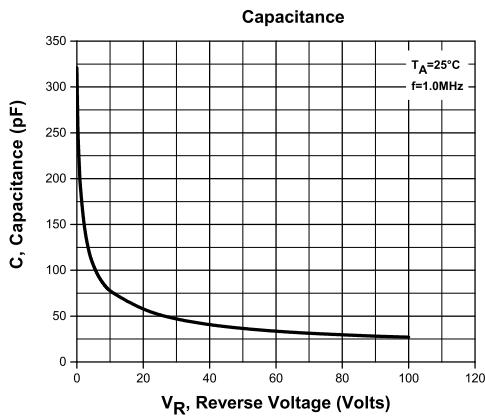
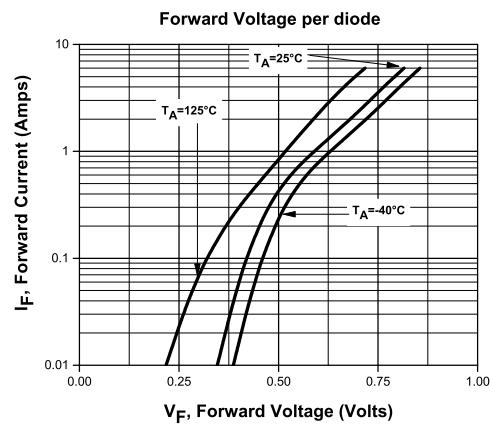
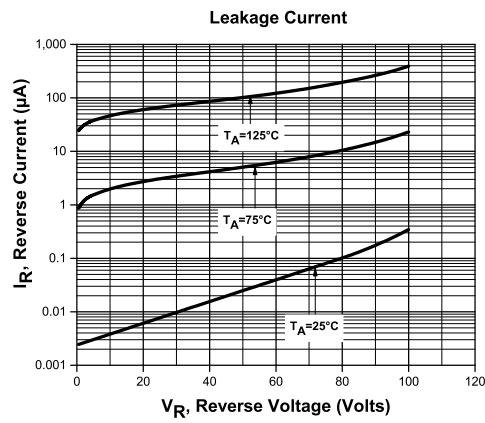
[www.centralsemi.com](http://www.centralsemi.com)

CSHD6-100C

SURFACE MOUNT SILICON  
DUAL, COMMON CATHODE  
HIGH VOLTAGE  
SCHOTTKY RECTIFIER  
6.0 AMP, 100 VOLT

**central**  
Semiconductor Corp.™

**TYPICAL ELECTRICAL CHARACTERISTICS**



R7 (1-March 2016)

[www.centralsemi.com](http://www.centralsemi.com)

## 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

#### Corporate Headquarters & Customer Support Team

Central Semiconductor Corp.  
145 Adams Avenue  
Hauppauge, NY 11788 USA  
Main Tel: (631) 435-1110  
Main Fax: (631) 435-1824  
Support Team Fax: (631) 435-3388  
[www.centralsemi.com](http://www.centralsemi.com)

**Worldwide Field Representatives:**  
[www.centralsemi.com/wwreps](http://www.centralsemi.com/wwreps)

**Worldwide Distributors:**  
[www.centralsemi.com/wwdistributors](http://www.centralsemi.com/wwdistributors)

For the latest version of Central Semiconductor's **LIMITATIONS AND DAMAGES DISCLAIMER**, which is part of Central's Standard Terms and Conditions of sale, visit: [www.centralsemi.com/terms](http://www.centralsemi.com/terms)