

# Semiconductor & Storage Products United States

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## English (Americas)



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# **Diodes**

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# CRH02

High efficiency diode (HED)

▼ Description Properties Document

Inquiries our product

DATA SHEET

Download Japanese version (PDF:270KB)

Stock Check & Purchase

example		MOQ(pcs)	Reliability	RoHS
Orderable part number	Assembly bases	wod(pcs)	Information	КОПО
CRH02(TE85L,Q,M)	Malaysia	3000	<b>元</b>	yes

## **Description**

Application Scope	Switching-mode power supplies
Internal Connection	Single
RoHS Compatible Product(s) (#)	Available
Assembly bases	Japan / Malaysia

# **Properties**

## **Package Information**

Toshiba Package Name	S-FLAT
Pins	2
Mounting	Surface Mount

#### **Absolute Maximum Ratings**

Characteristics	Symbol	Rating	Unit
Average Forward Current (Single)	I <sub>F(AV)</sub>	0.5	Α
Repetitive Peak Reverse Voltage	$V_{RRM}$	200	٧

### **Electrical Characteristics**

Characteristics	Symbol	Condition	Value	Unit
Reverse Recovery Time (Max)	t <sub>rr</sub>	-	35	nsec

# **Document**

Reliability Information	Reliability Data[Apr,2016]	(PDF: 160KB)
Environment Information	Certificate on Content of SVHC of REACH[Nov,2016] UPDATED	7 (PDF: 43KB)
Catalog	Small and Medium Diodes Product Guide[Sep,2014]	[] (PDF: 1301KB)
Catalog	General-Purpose Small Signal Surface-Mount Devices Product Guide[May,2011]	(PDF: 2608KB)

## **Related Links**

- ▶ Frequently Asked Questions
- ▶ Part Naming Conventions

## Inquiries on our product

▶ Contact Us

For product delivery, additional characters will be added to the part numbers shown on this website. For details, please ask your local distributor, or send an inquiry accessed from "Contact Us" on this website.

#### Notes

- The Part Number column shows representative part numbers only, which may not be available for sale in the precise form shown. Each Part Number constitutes a product family which may contain multiple associated product configurations.

  (#) Under the RoHS Compatible Product(s) column, "Available" means at least one RoHS-Compatible product is available for sale in the corresponding product family. "None" means no RoHS Compatible product is available in that product family. For Toshiba's definitions of concepts related to the RoHS Directive and RoHS Compatibility, please click here □.

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- Reliability data are provided for your reference only, please contact your Toshiba sales representative for detailed reliability information about each part number.







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