

## General Description



## Features

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## Applications

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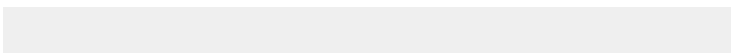
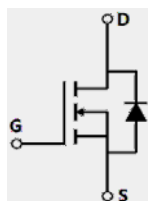
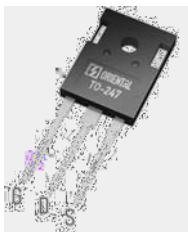
## Key Performance Parameters

Parameter	Value	Unit

## Marking Information

Product Name	Package	Marking

## Package & Pin Information



**Absolute Maximum Ratings**

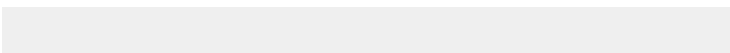
Parameter	Symbol	Value	Unit

**Thermal Characteristics**

Parameter	Symbol	Value	Unit

**Electrical Characteristics**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test condition



**Dynamic Characteristics**

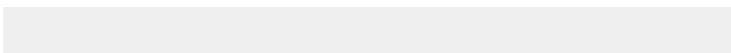
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test condition

**Gate Charge Characteristics**

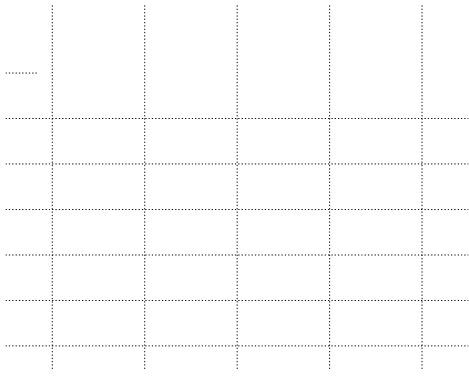
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test condition

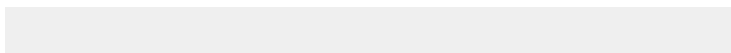
**Body Diode Characteristics**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test condition

**Note**


### Electrical Characteristics Diagrams

 <p>Figure 1. Typ. output characteristics</p>	<p>Figure 2. Typ. transfer characteristics</p>
<p>Figure 3. Typ. capacitances</p>	<p>Figure 4. Typ. gate charge</p>
<p>Figure 5. Drain-source breakdown voltage</p>	<p>Figure 6. Drain-source on-state resistance</p>



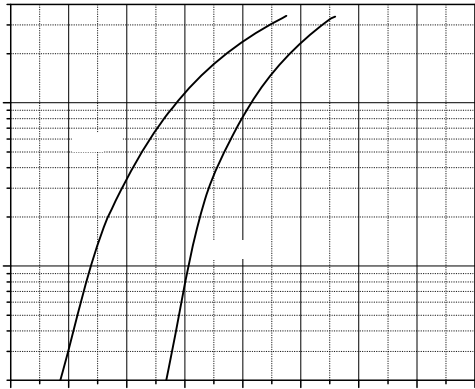


Figure 7. Forward characteristic of body diode

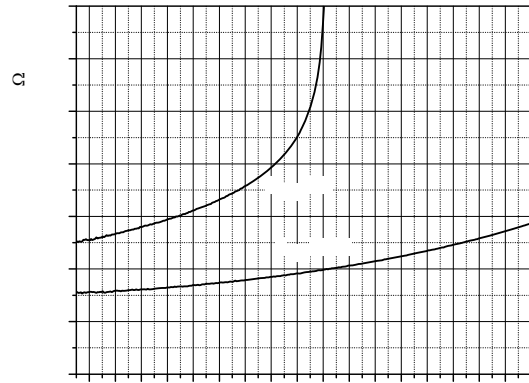


Figure 8. Drain-source on-state resistance

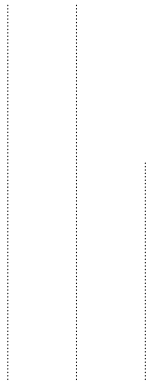
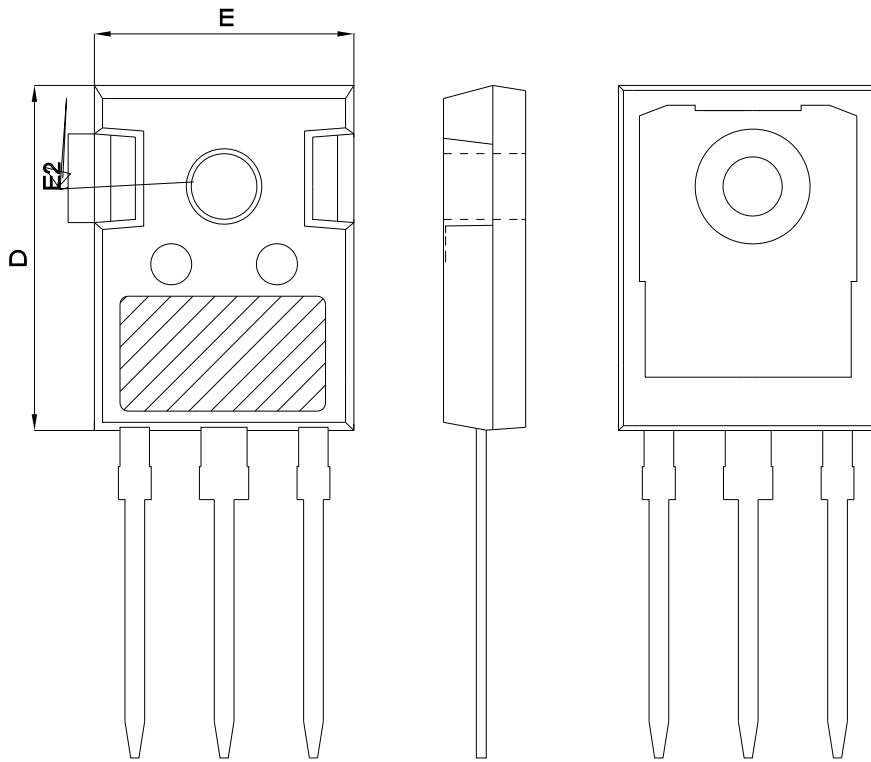


Figure 9. Drain current

Figure 10. Safe operation area  $T_c=25^\circ\text{C}$

**OSG55R074HZF**

Package Information




### Package Information

Technical drawing area containing package information. It includes several diagrams: a symbol at the top left, a side view of a package on the left, a top view of a package with three pins on the right, and a cross-sectional view of a package in the middle. Below the diagrams is a large empty table structure.




**Ordering Information**

Package Type	Units/ Tube	Tubes/ Inner Box	Units/ Inner Box	Inner Boxes/ Carton Box	Units/ Carton Box

**Product Information**

Product	Package	Pb Free	RoHS	Halogen Free

**Legal Disclaimer**

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