

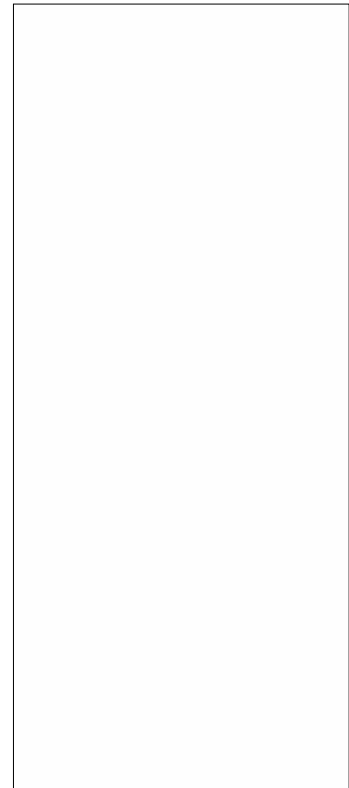


**JCT151F-500R 12A SCR**

Rev.A.1.1

**DESCRIPTION:**

With high ability to withstand the shock loading of large current, JCT151F-500R of silicon controlled rectifiers provides high  $dV/dt$  rate with strong resistance to



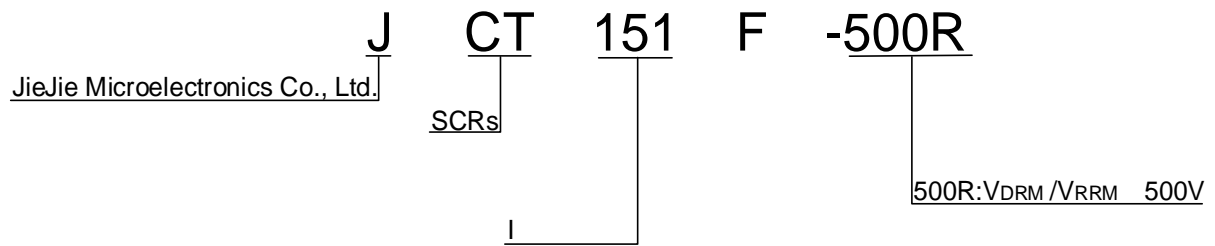
I <sub>GM</sub>	4	A
P <sub>G(AV)</sub>	1	W
P <sub>GM</sub>	10	W
V <sub>pp</sub>	0.7	kV

(Unless otherwise specified)

	Value			Unit
	MIN.	TYP.	MAX.	
	-	-	15	mA
	-	-	1	V
	0.2	-	-	V
	-	-	40	mA
	-	-	30	mA
	1000	-	-	V/μs
	-	3	-	μs
	-	50	-	

	Value(MAX.)	Unit
	1.6	V
	1.6	mA

ORDERING INFORMATION





**JCT151F-500R**

**ORDERING INFORMATION**

<b>Order code</b>	<b>Voltage V<sub>DRM</sub>/V<sub>RRM</sub> (V)</b>	<b>IGT(mA)</b>	<b>Package</b>	<b>Base qty. (pcs)</b>	<b>Delivery mode</b>
JCT151F-500R	500	15	TO-220F(Ins)	50	Tube


**Document Revision History**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
May 17, 2023	A.1.0	Last update
Sept.28, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

**PACKAGE MECHANICAL DATA**



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