



JCT1275SJ 75A SCR

Rev A.2.1

DESCRIPTION:

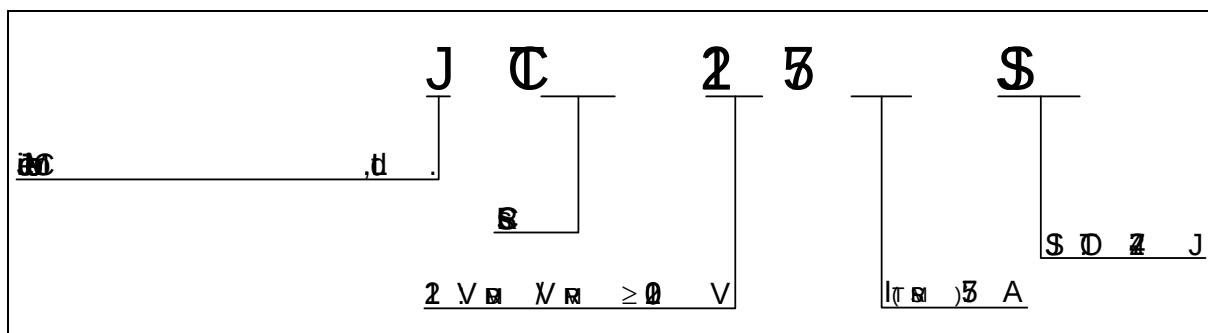
1. This device is a silicon controlled rectifier (SCR) with a forward blocking voltage of 1275V and a forward current of 75A. It is designed for use in power electronic applications such as motor drives, power supplies, and industrial heating systems. The device is packaged in a TO-247 package, which is suitable for through-hole mounting on a printed circuit board (PCB).

MAIN FEATURES

Symbol	Parameter	Value
I_F	Forward Current	75A
V_{FM} / V_{RRM}	Forward Blocking Voltage / Reverse Blocking Voltage	1275V
I_{GT}	Gate Trigger Current	0.8A

0.1T jē ē)	P _g	1	W
0.2 P _g	P _g	2	W
0.3 T jē ;0 -ē -ē	V _p	1	k

ORDERING INFORMATION



MARKING

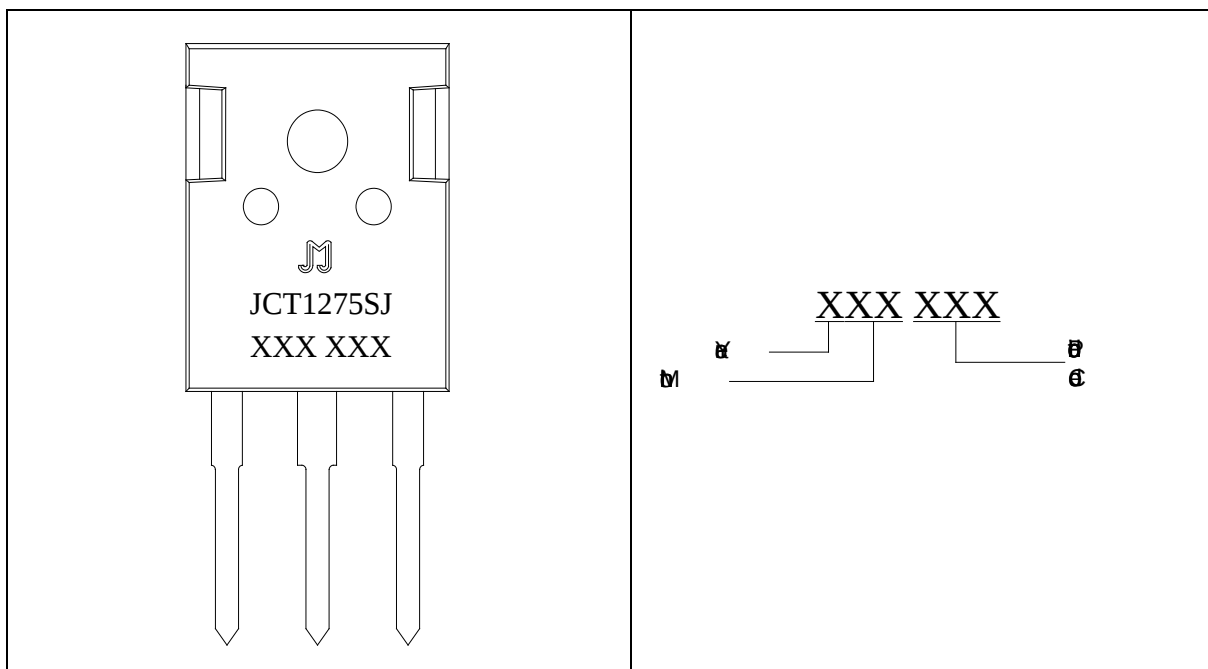


FIG.1: ~~Figure 1~~

~~Figure 1~~

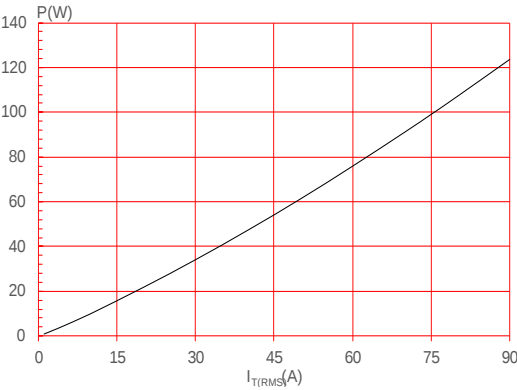


FIG.2: ~~Figure 2~~

~~Figure 2~~

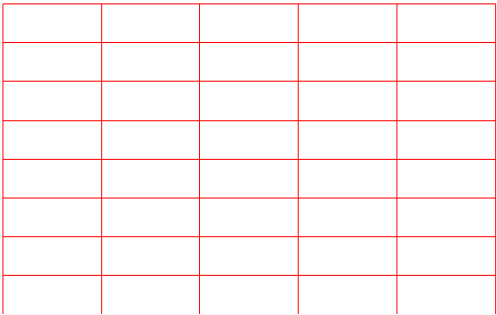
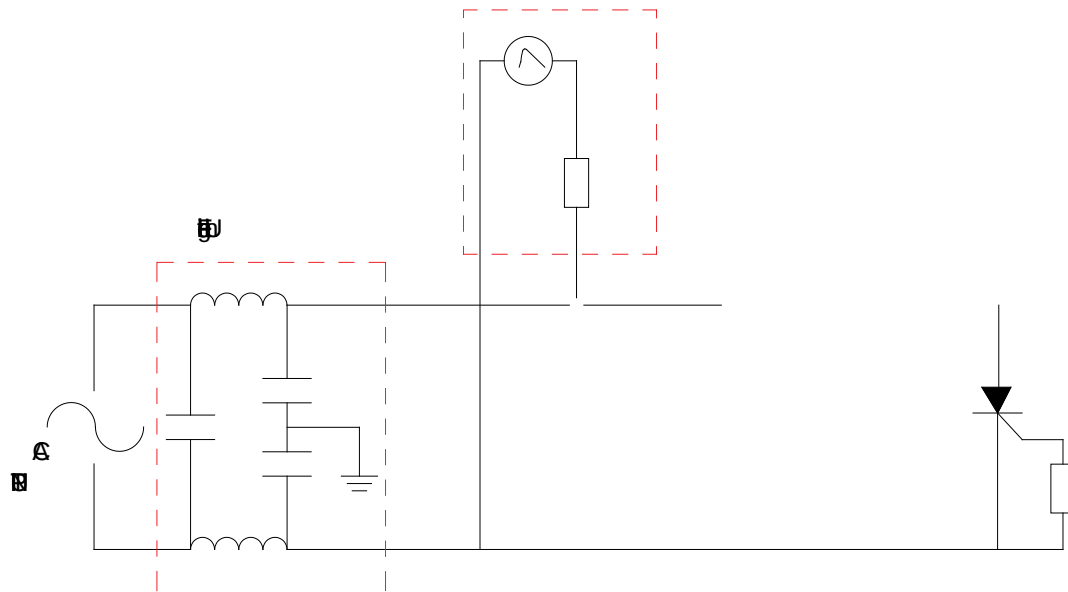


FIG.7 测试电路

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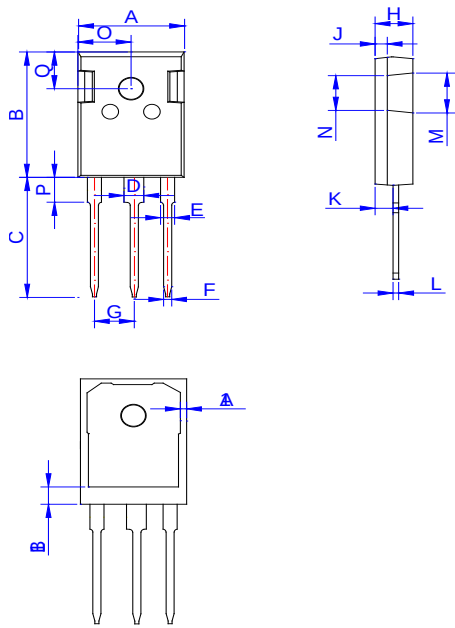
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ORDERING INFORMATION



PACKAGE MECHANICAL DATA



R	B					
	M			b		
	M	p	M	M	p	M
A	8		8	8		8
B	8		8	8		8
C	8		8	8		8
D	8		8	8		8
E	8		8	8		8
F	8		8	8		8
G		8			8	
H	8		8	8		8
J	8		8	8		8
K	8		8	8		8
L	8		8	8		8
M						
N	3					

