JCT16130IS 130A SCR

Rev.A.1.2

DESCRIPTION:

MAIN FEATURES

[illegible]	I_{TM}	15	A
[illegible]	$P_{G(AV)}$	1	W
[illegible]	P_{GM}	5	W
[illegible]	V_{ISO}	13	kV

ELECTRICAL CHARACTERISTICS [illegible]

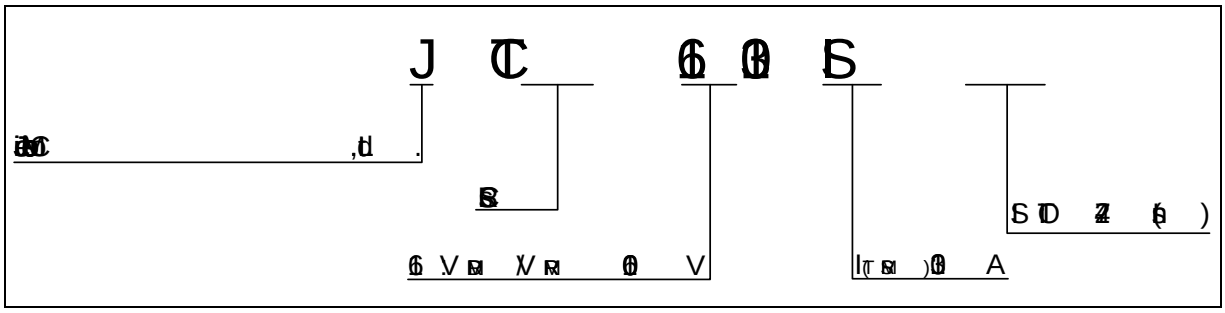
Symbol	Test Condition	Value			Unit
		MIN.	TYP.	MAX.	
I_{GT}	V_D [illegible] R_L 33 Ω	10	-	50	mA
V_{GT}		-	-	1.3	V
V_{GD}	V_D [illegible] V_{DRM} T_j [illegible] R_L 33 kΩ	0.2	-	-	V
I_L	I_G=1.2 I_{GT}	-	-	80	mA
I_H	I_T=0.1A	-	-	60	mA
[illegible]	V_D=[illegible] [illegible] T_j=125℃	20	-	-	V/μs
t_{gt}	I_G=100 mA I_A=1.5 A I_R=100 mA T_j=25℃	-	7	-	μs
t_{rr}		-	20	-	

STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	I_{TM} = 30A t_p=380 μs	T_j=25℃	1.6	V
V_{TO}	[illegible]	T_j=150℃	0.85	V
R_D	[illegible]	T_j=150℃	4.5	mΩ
I_{DRM}	V_D= V_{DRM} V_R= V_{RRM}	T_j=25℃	10	μA
I_{RRM}		T_j= 125℃	2.2	mA

etJ EMer /P w 1.5 0 Td4.8

ORDERING INFORMATION



MARKING

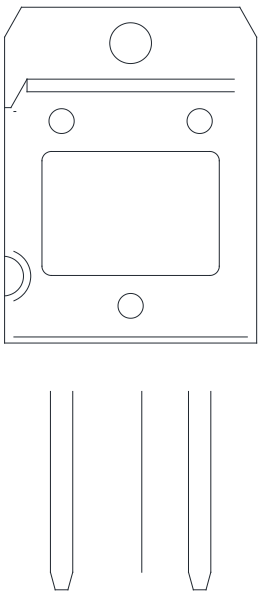


FIG.1:



FIG.2:

FIG.7

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
JCT16130IS	1600	20-80	ITO-247(Ins)	25	Tube

Document Revision History

[illegible]	[illegible]	[illegible]
[illegible]	A.10	[illegible]
[illegible]	A1	[illegible]
[illegible]	[illegible]	[illegible]

PACKAGE MECHANICAL DATA

