



JCT1240SJ 40A SCR

Rev.A.2.1

DESCRIPTION:

~~INVESTED~~

1240\$ B d b/ /d

twelve

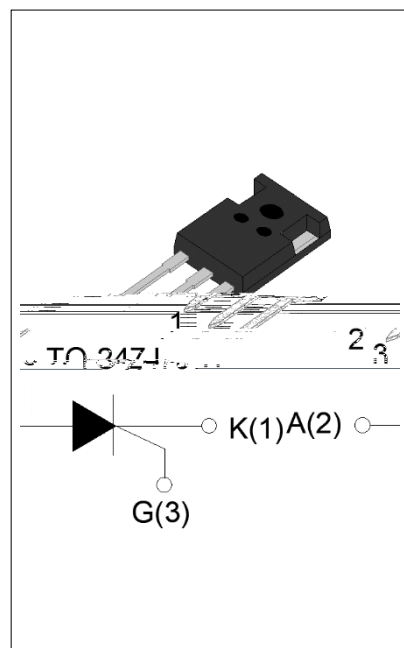
to the

Q ~~Estadística~~

7. The following table shows the number of people who attended the 2010 World Cup in South Africa. The number of people who attended the 2010 World Cup in South Africa is 247,100. The number of people who attended the 2010 World Cup in South Africa is 247,100.

MAIN FEATURES

$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$
$\frac{1}{16}$	40	A
$V_{\text{in}} / V_{\text{out}}$	1200	V
$\frac{1}{16}$	45	$\frac{1}{16}$



ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
T_B	T_B	-40-150	
T_j	T_j	-40-125	
$V_{DD}(T_{j25})$	V_{DD}	1200	V
$V_{SS}(T_{j25})$	V_{SS}	1200	V
$I_{CQ}(T_{c78})$	I_{CQ}	25	A
$I_{CQ}(T_{c78})$	I_{CQ}	40	A
$I_{BQ}(t_{p10\mu s, T_{j25}})$	I_{BQ}	500	A
$I_{BQ}(t_{p=8.3\mu s, T_{j25}})$		540	
$I_{L^2}(t_{p10ms, T_{j25}})$	I_{L^2}	1250	A ² s
$I_{G2}(I_{G1} \times I_{G1}, 100\mu s, T_{j25})$	I_{G2}	200	A/s
$I_{G1}(t_{p20s, T_{j25}})$	I_{G1}	10	A
$P_{G1}(T_{j25})$	P_{G1}	1	W

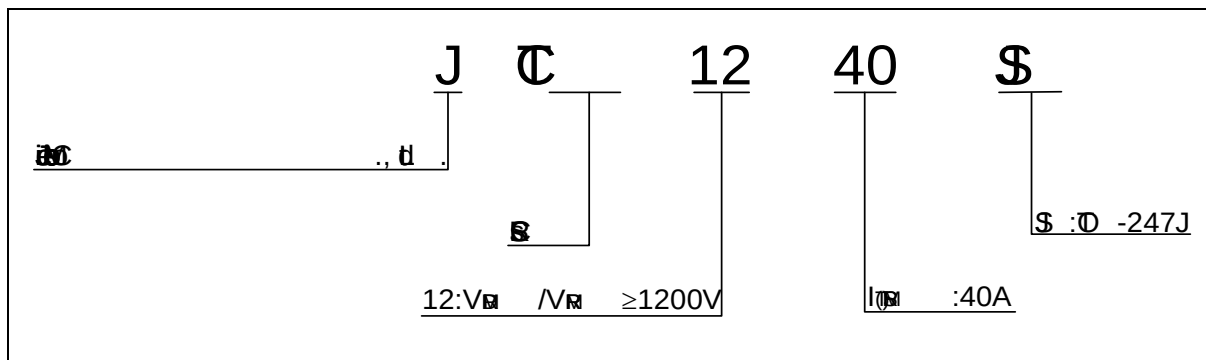
P_D	P_D	20	W
V_p (T_{j25} ; ρ -10 -15)	V_p	0.7	V

ELECTRICAL CHARACTERISTICS

Symbol	Test Condition	Value			Unit
		MIN.	TYP.	MAX.	

I_G	$V_D \pm 2V$ $L33$	-	-	45	μA (I
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ORDERING INFORMATION



MARKING

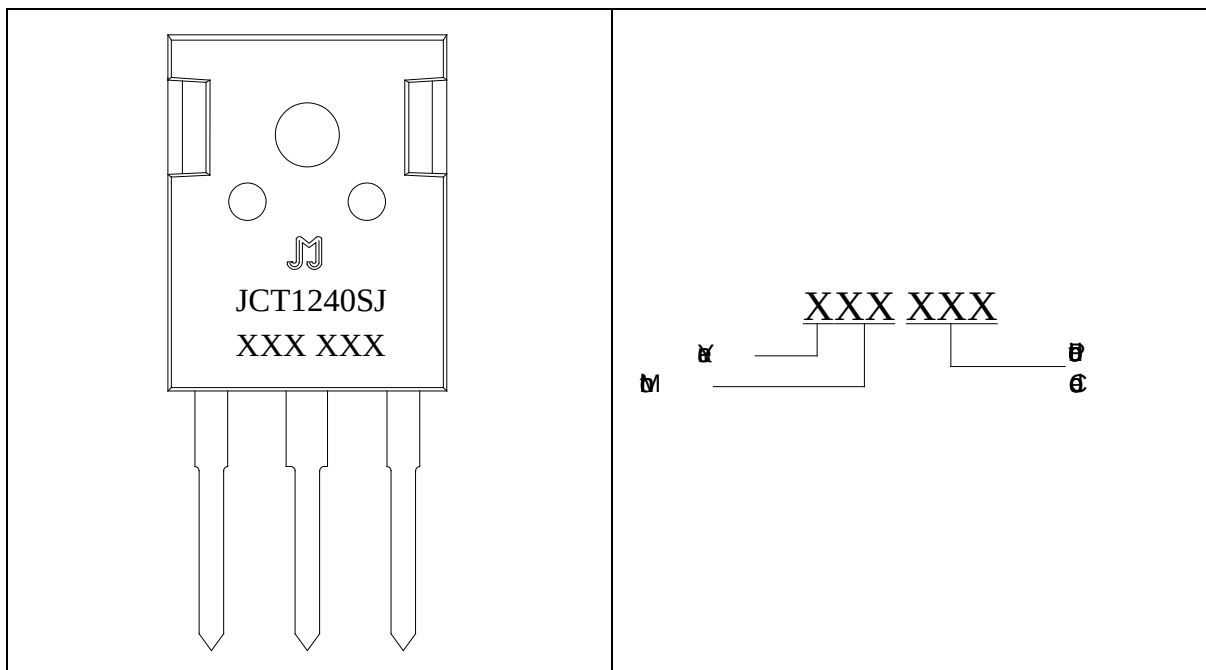
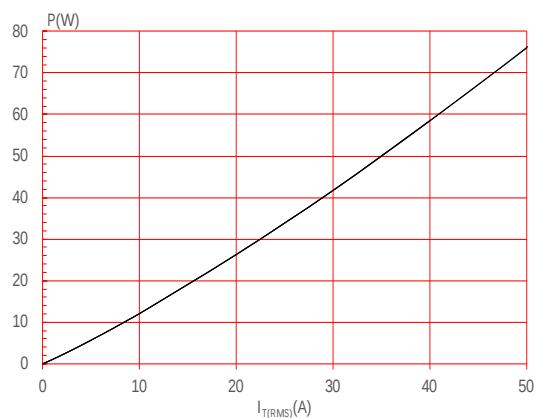
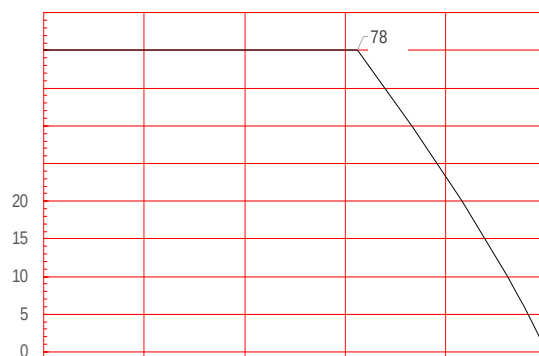
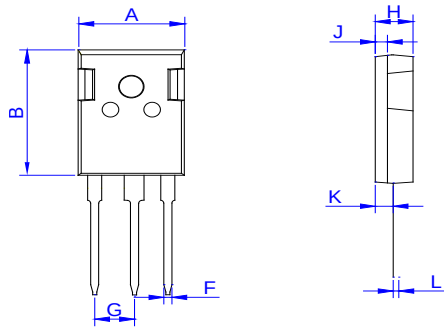


FIG.1:  FIG.2:  

ORDERING INFORMATION

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(
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PACKAGE MECHANICAL DATA



D	B					
	M			b		
	M	μ	M	M	μ	M
A	15.50		16.10	0.610		0.634
B	3.10		3.50	0.122		0.138
C	19.70		20.30	0.776		0.799
D	2.90		3.30	0.114		0.130
E	1.90		2.30	0.075		0.091
F	1.00		1.40	0.039		0.055
G		5.44			0.214	

H	4.80	5.20	0.189	0.205
J	1.90	2.10	0.075	0.083
K	2.20	2.50	0.087	0.098
L	0.41	0.79	0.016	0.031

