

DESCRIPTION:

~~UNCLASSIFIED~~

1240\$ B d by /d

twelve

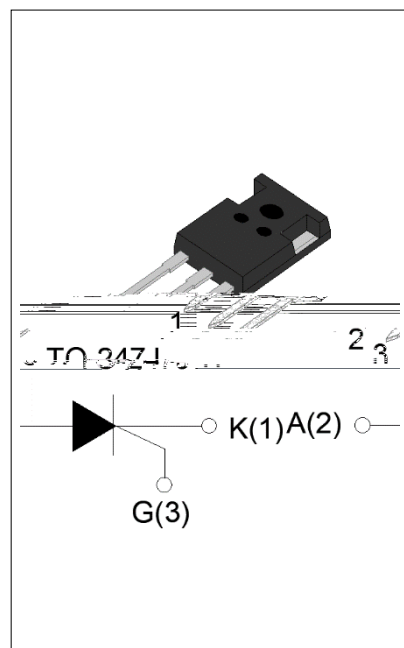
to the

Q ~~Estadística~~

7. $\Delta H_{\text{vap}} = 247 \text{ J mol}^{-1}$

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
$I_{BQ}(T_{c78})$	I_{BQ}	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	
$I^2_{tst}(t_{p10ms, T_{j25}})$	I^2_{tst}	1250	A ² s
$I_{G2}(I_{G1} \times I_{G2}, 100\mu s, T_{j25})$	I_{G2}	200	A/s
$I_{G1}(t_{p20s, T_{j25}})$	I_{G1}	10	A
$P_{G1}(T_{j25})$	P_{G1}	1	W

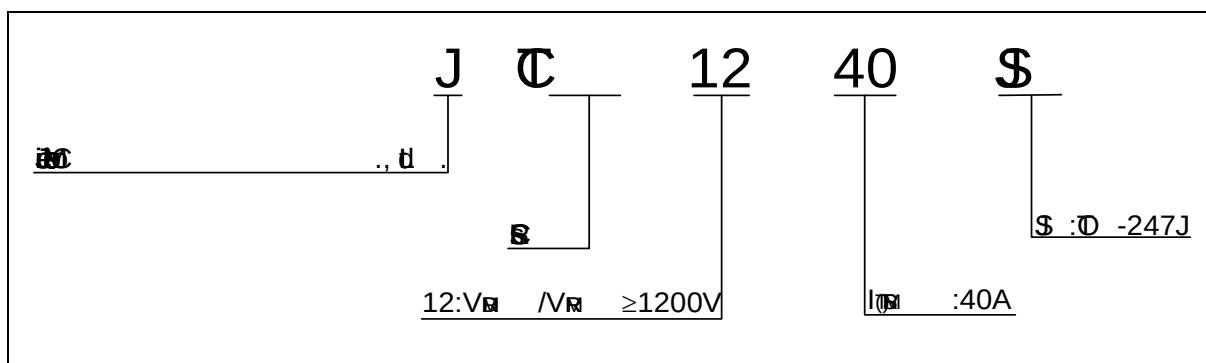
P_D	P_D	20	W
V_p (T_{j25} ; ρ - ρ - ρ)	V_p	0.7	V

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

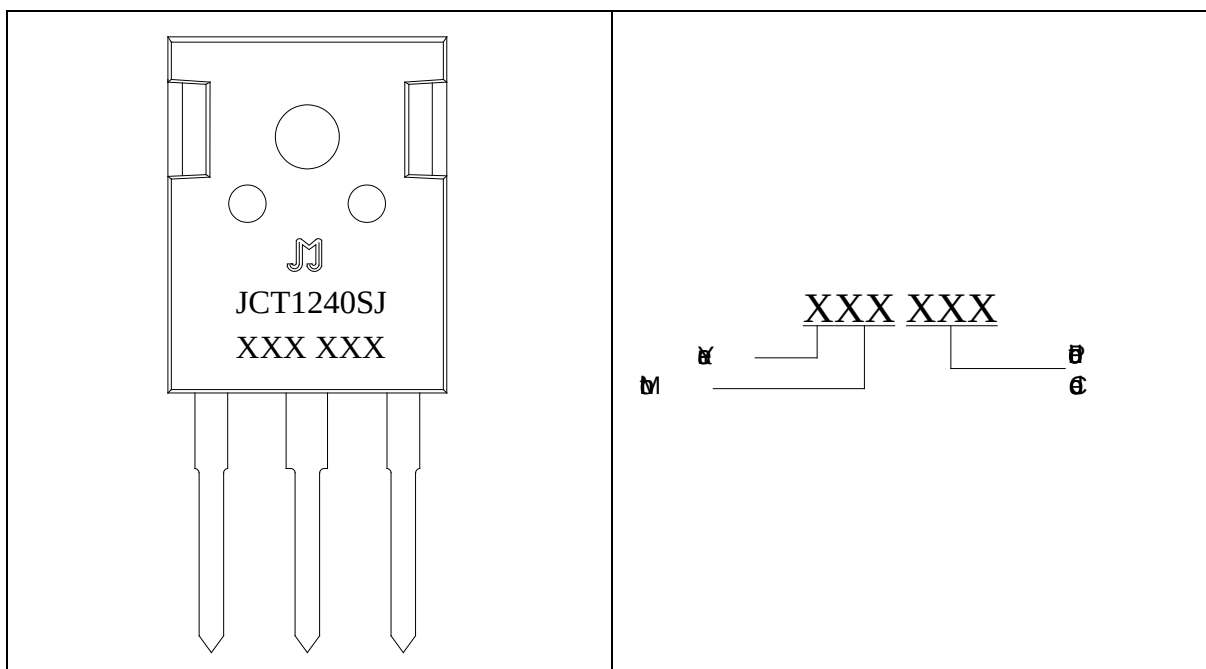


FIG.1:  

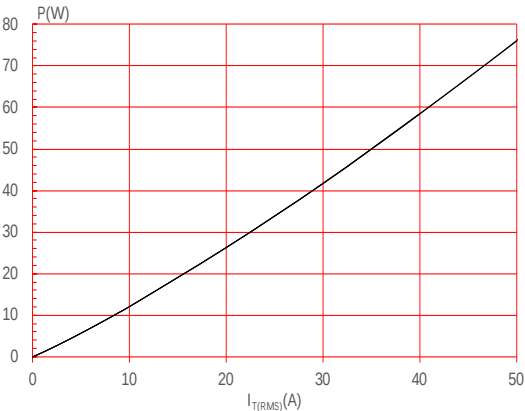
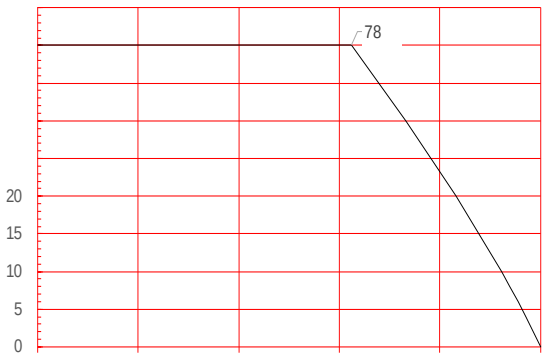


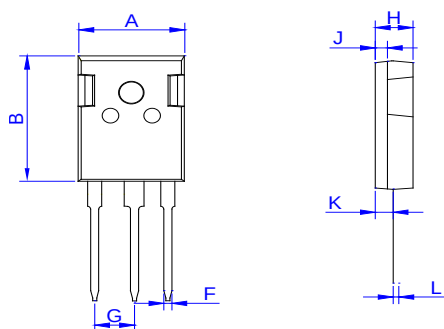
FIG.2:  



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

