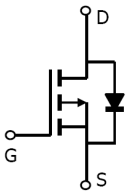
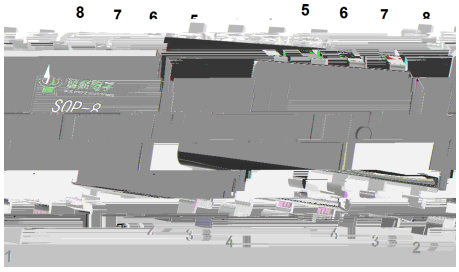
SOP-8 P MOS
P-Channel Enhancement Mode Field Effect Transistor in a SOP-8 Plastic Package.

V_{DS} (V) = -100V I_D = -5.0A (V_{GS} = ± 20V)
$R_{DS(ON)}$@-10V≤200mΩ(Typ.163mΩ)
$R_{DS(ON)}$@-4.5V≤230mΩ(Typ.177mΩ)
HF Product.

Motor driver appliances, High power inverter system, Adapter appliances.



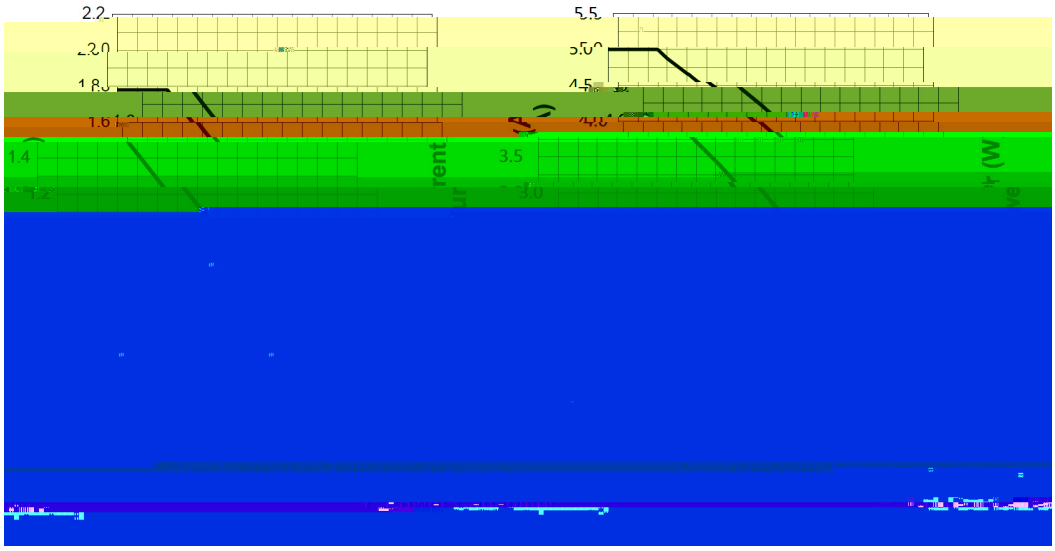


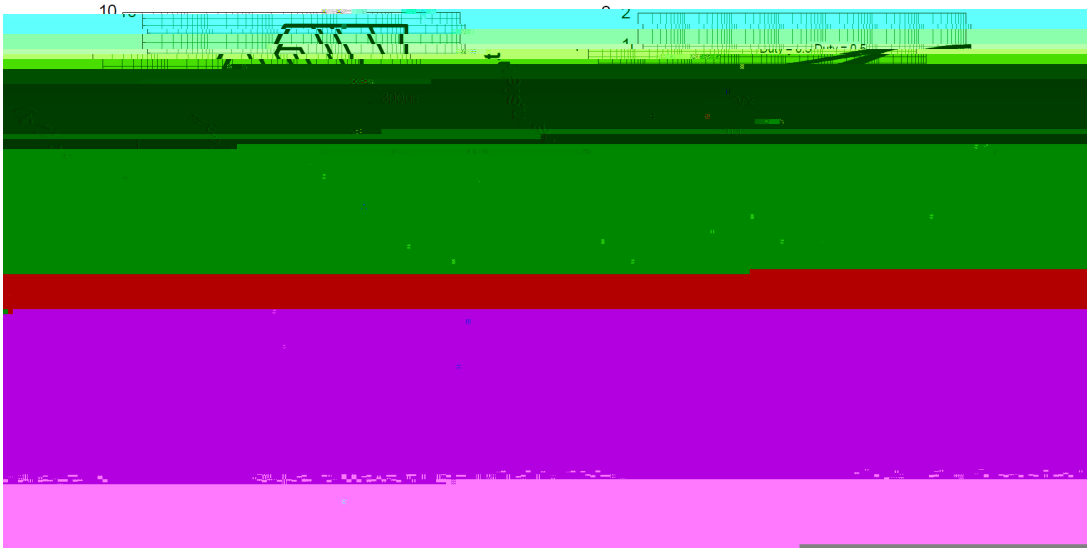
PIN1	S	PIN 2	S	PIN 3	S	PIN 4	G
PIN 5	D	PIN 6	D	PIN 7	D	PIN 8	D

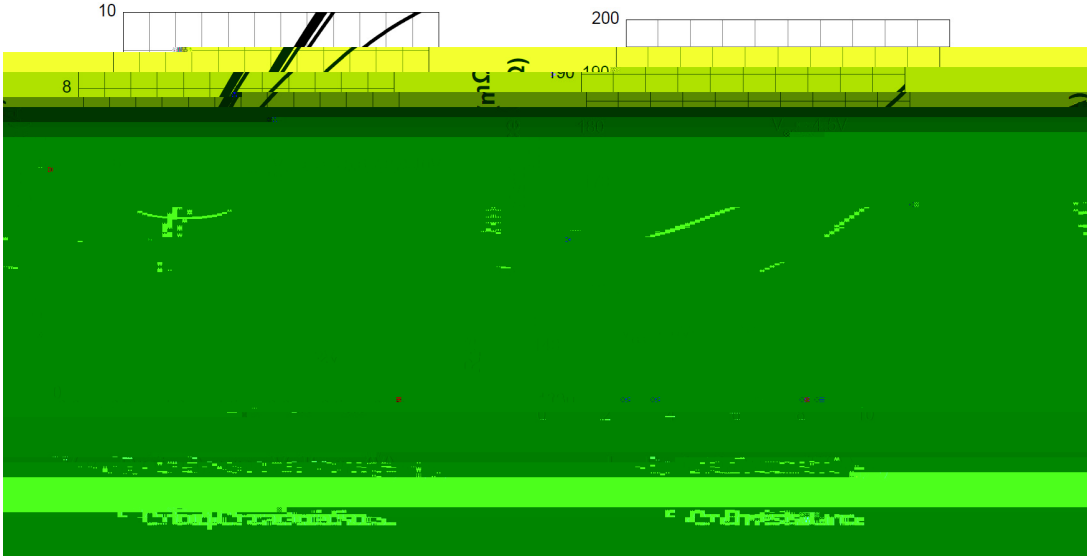
See Marking Instructions.

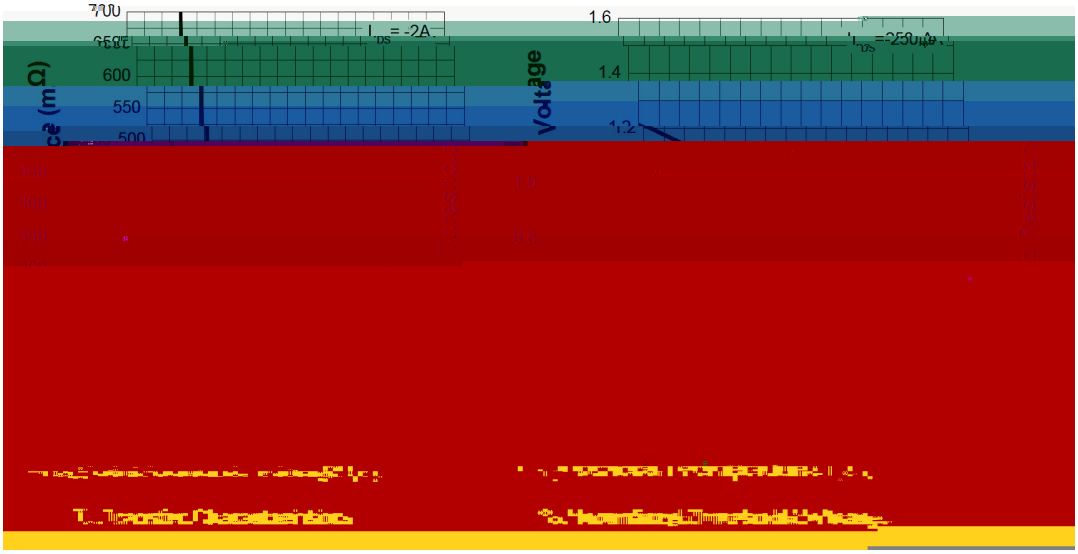
Parameter	Symbol	Rating

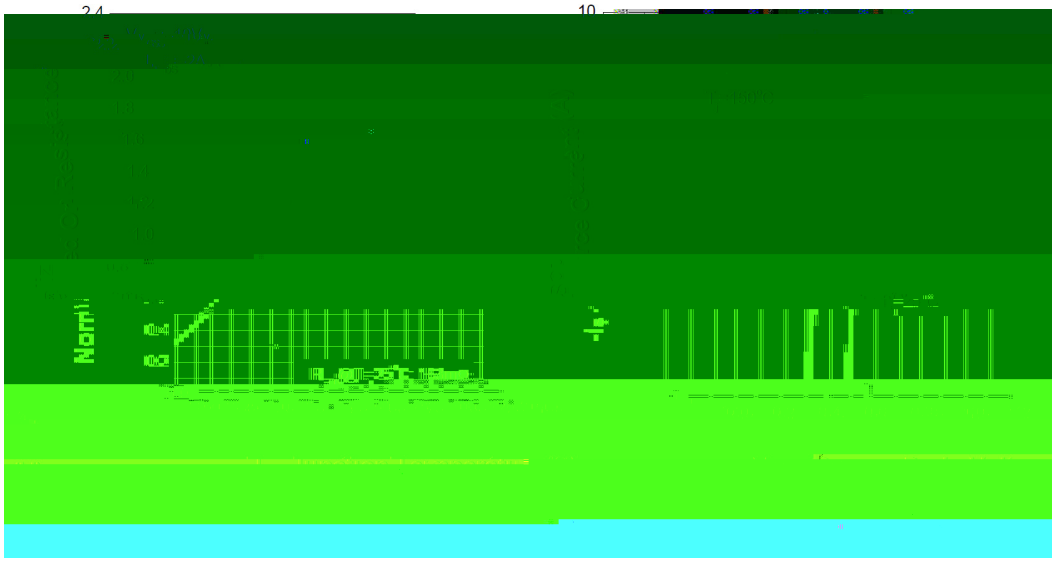
Parameter	Symbol	Test Conditions	Min

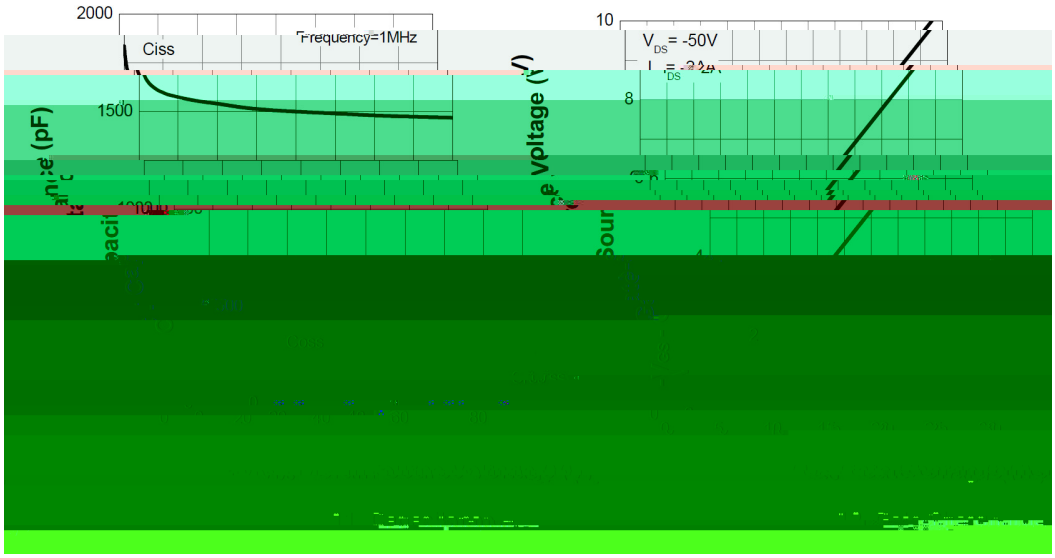


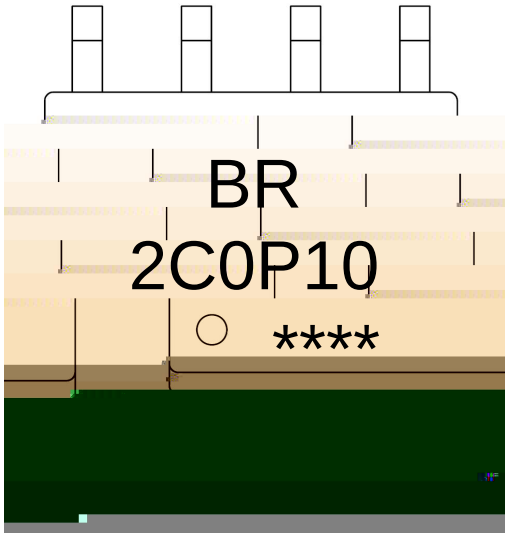





700
650
600
550
500
I_DS = -2A
1.6
1.4
1.2
Voltage


2.4
10


2000
Ciss
Frequency=1MHz
1500
10
V_DS = -50V
8



BR

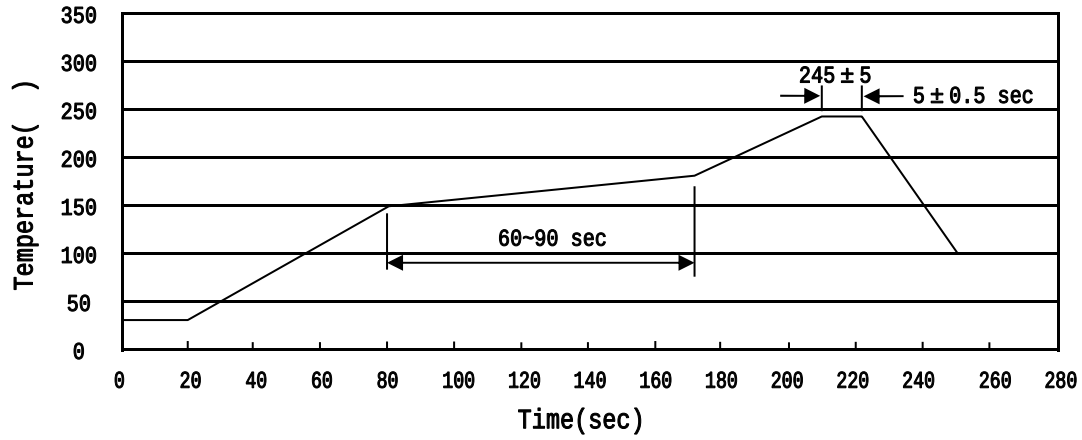
2C0P10

****

Note:

BR:	Company Code
2C0P10:	Product Type Code
****:	Lot No. Code, code change with Lot No.

Temperature Profile for IR Reflow Soldering(Pb-Free)



		Note:
1	150 180 60 90sec;	1.Preheating:150~180 , Time:60~90sec.
2	245±5 5±0.5sec;	2.Peak Temp.:245±5 , Duration:5±0.5sec.
3	2 10 /sec.	3. Cooling Speed: 2~10 /sec.

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec

/ REEL

Package Type	Units					Dimension		(unit mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOP/ESOP-8	4,000	2	8,000	6	48,000	13 ×12	360×360×50	380×335×366

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