/ Descriptions

SOP-8 P MOS

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

/ Features

V_{DS} (V) = -100V I_D = -5.0A (V_{GS} = ± 20V)

$R_{DS(ON)}$@-10V≤200mΩ(Typ.163mΩ)

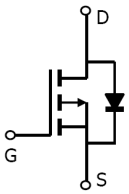
$R_{DS(ON)}$@-4.5V≤230mΩ(Typ.177mΩ)

HF Product.

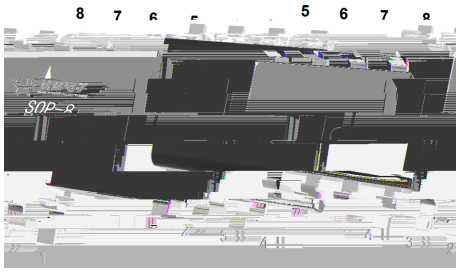
/ Applications

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

/ Equivalent Circuit



/ Pinning



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

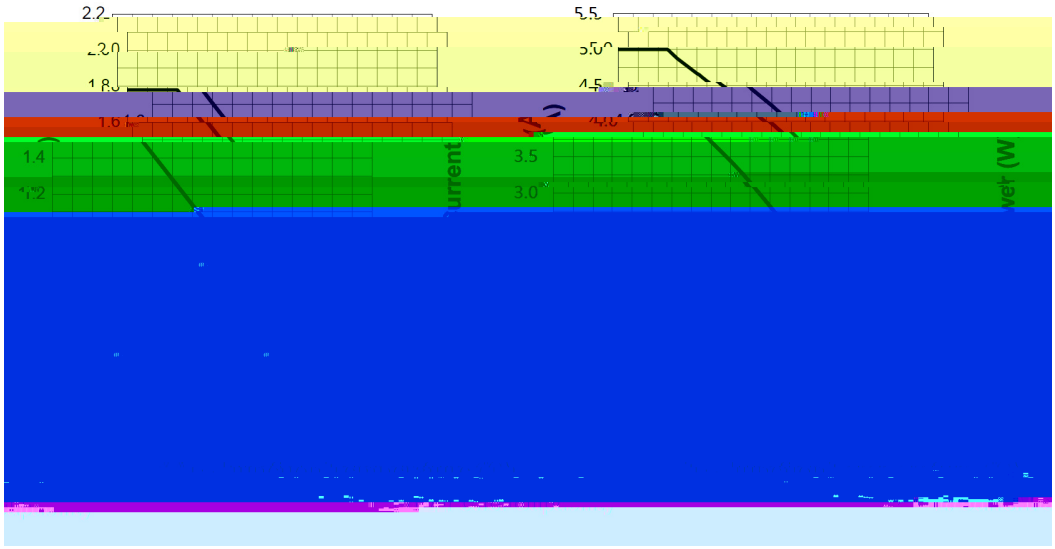
/ Marking

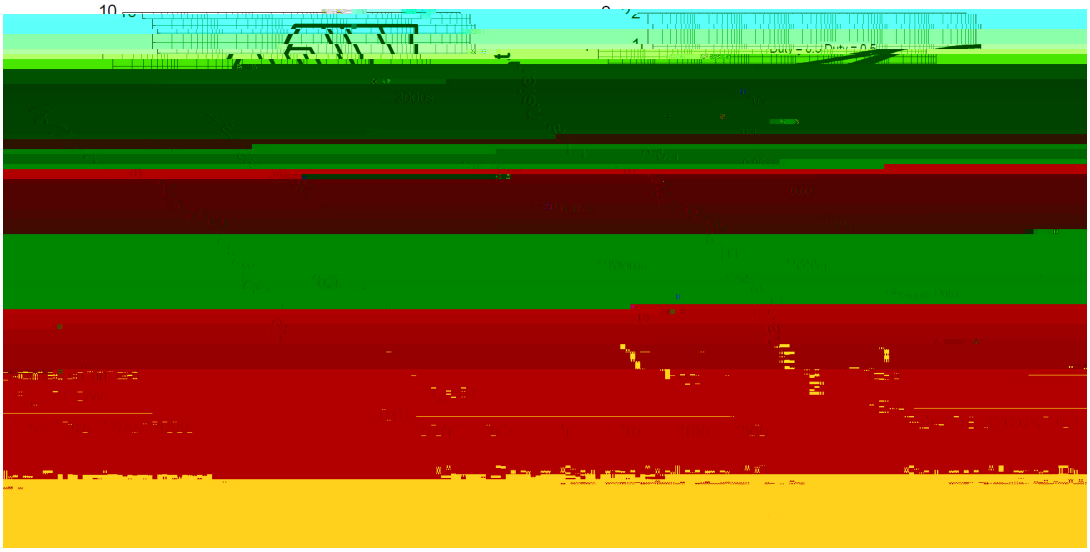
See Marking Instructions.

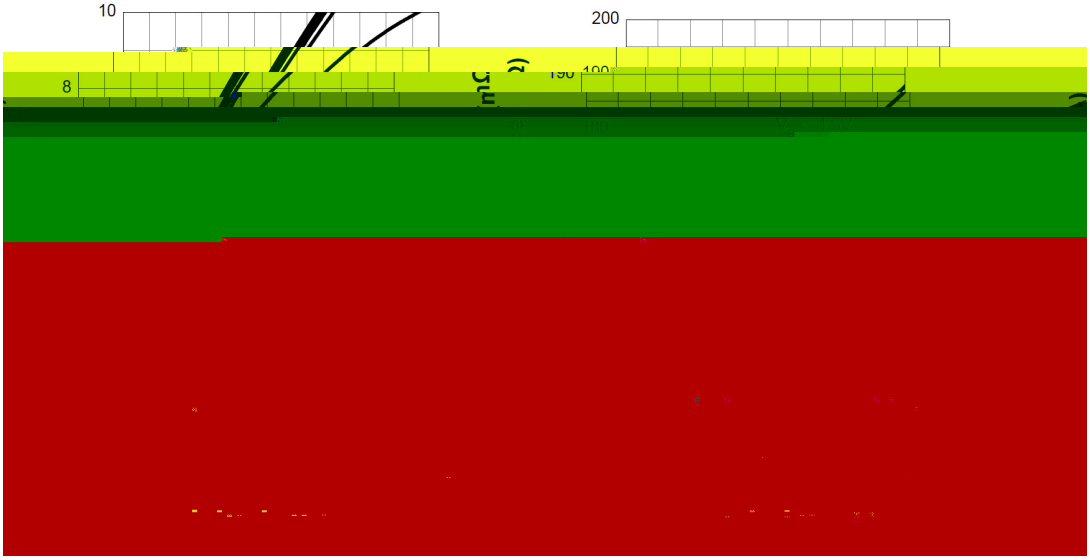
Parameter	Symbol	Rating

Parameter	Symbol	Test Conditions	Min

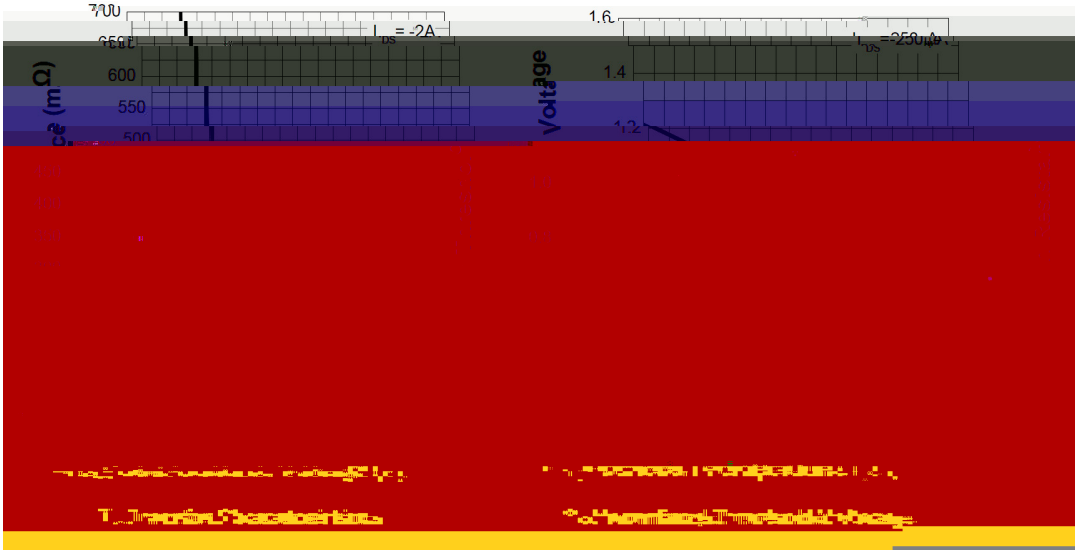
/ Electrical Characteristic Curve

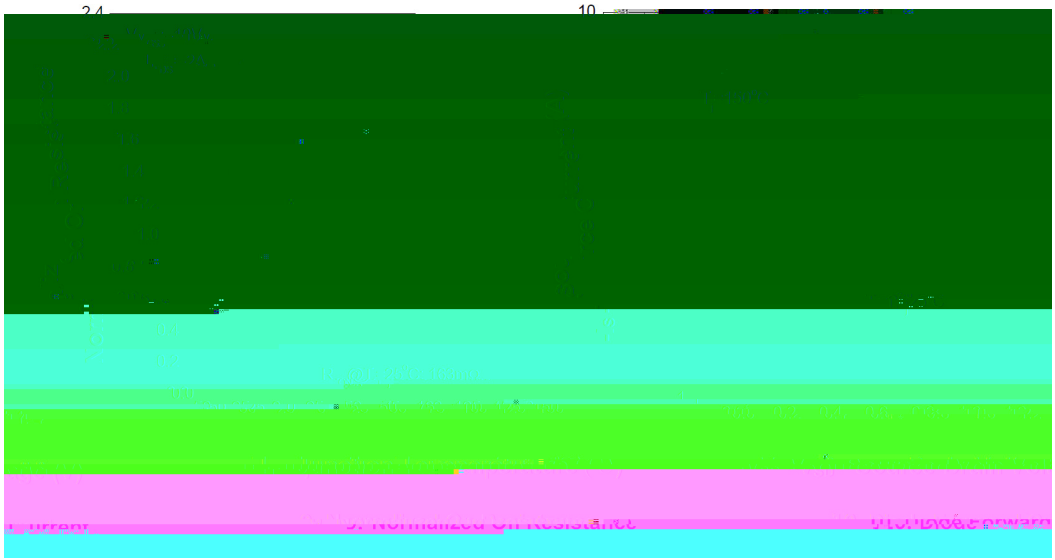


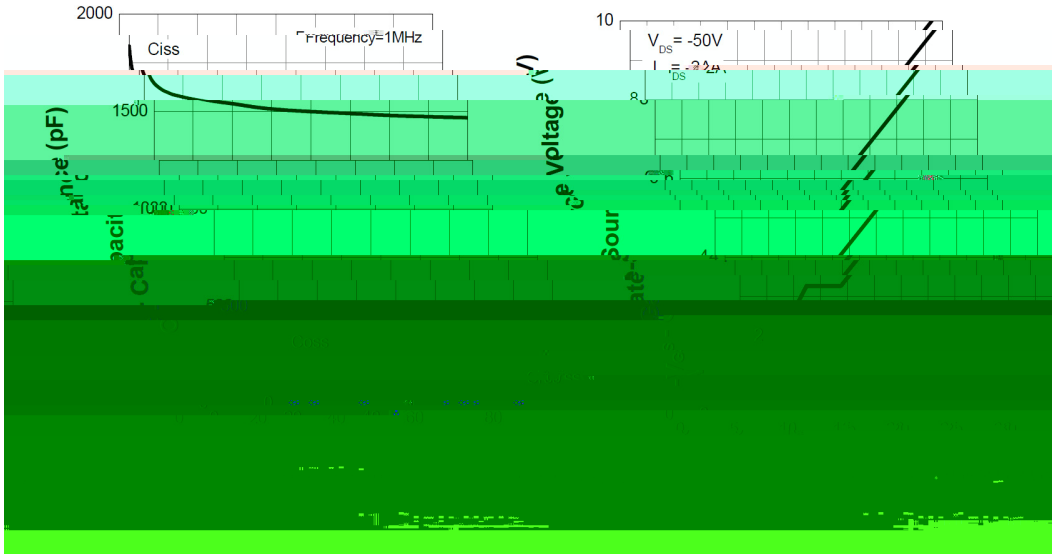




/ Electrical Characteristic Curve

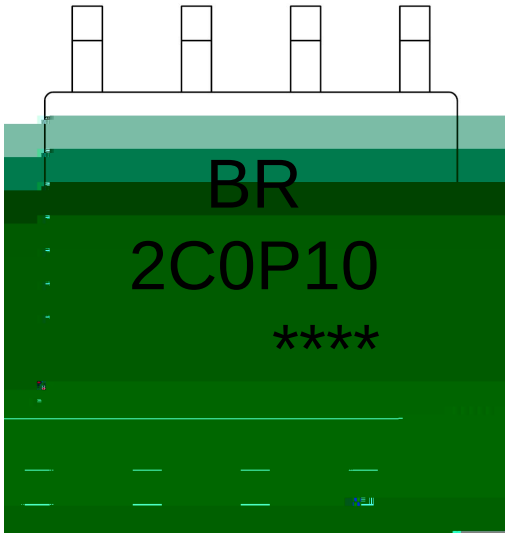






/ Package Dimensions

/ Marking Instructions



BR

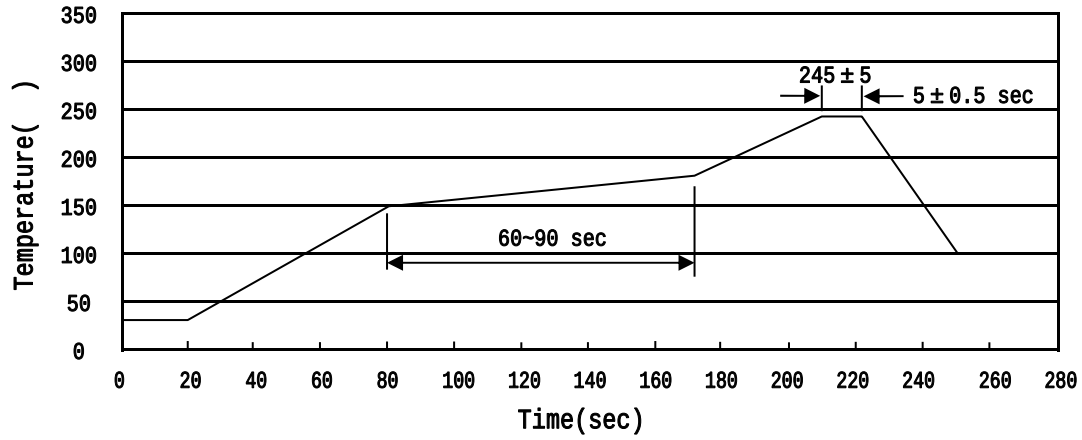
2C0P10

****

Note:

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

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



1		150	180		60	90sec;	Note: 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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ 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

/ Notices

All information provided in this document is subject to legal disclaimers.