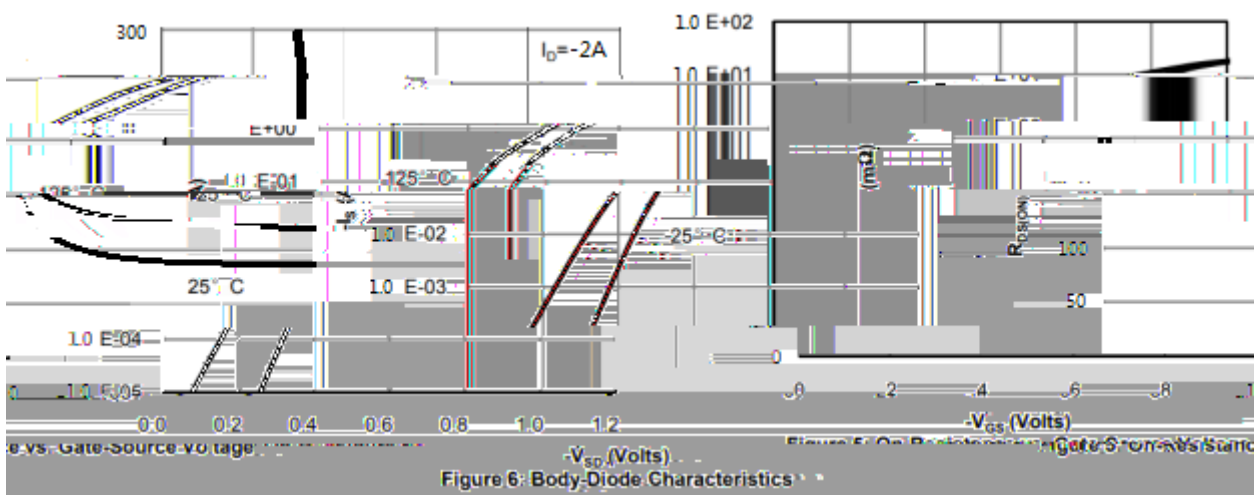
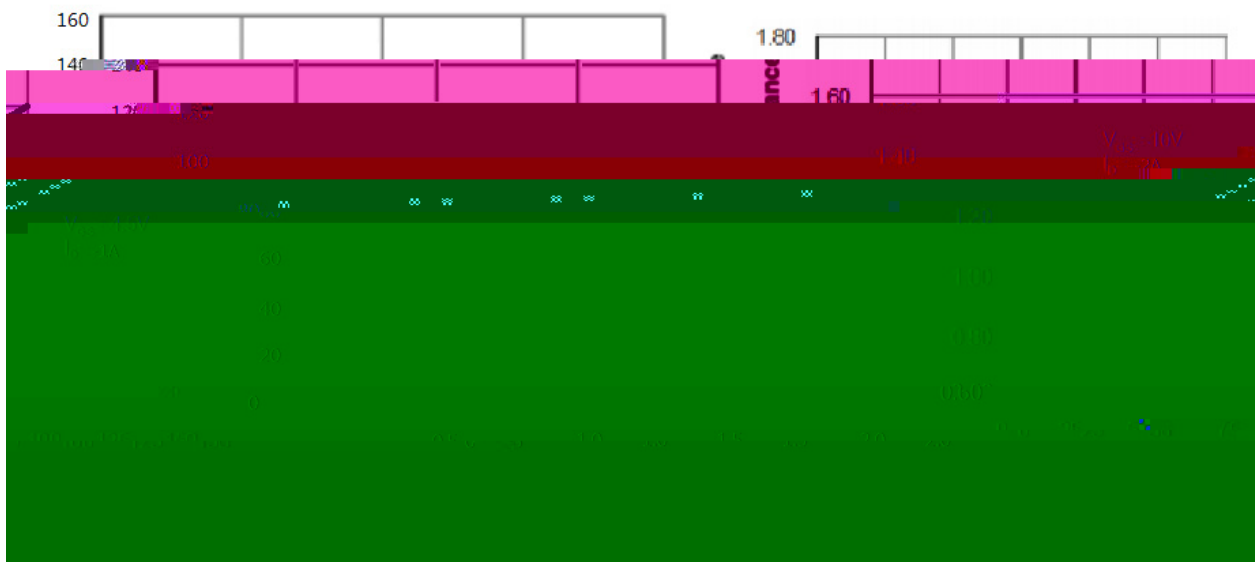
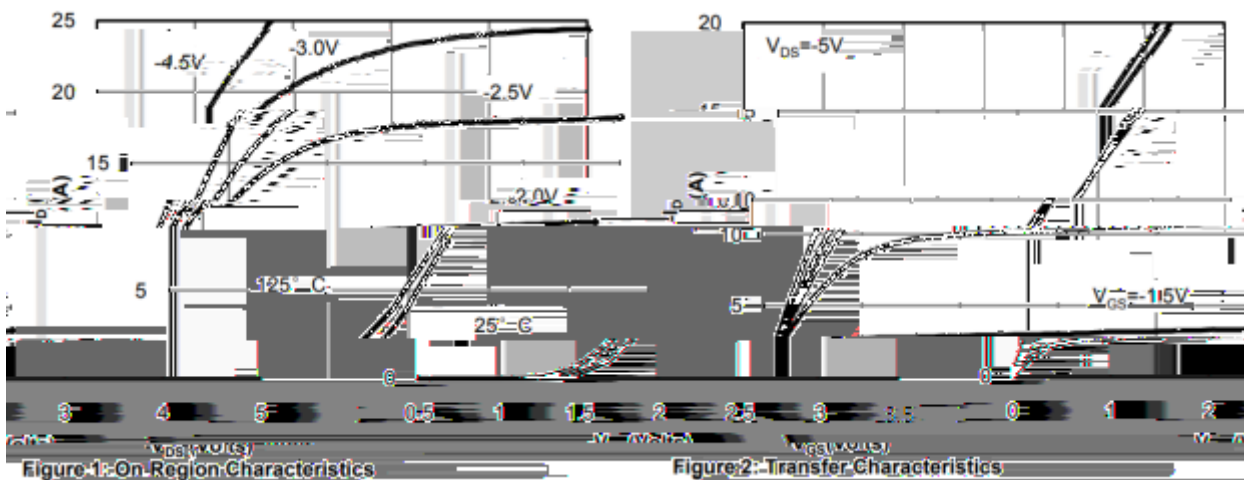


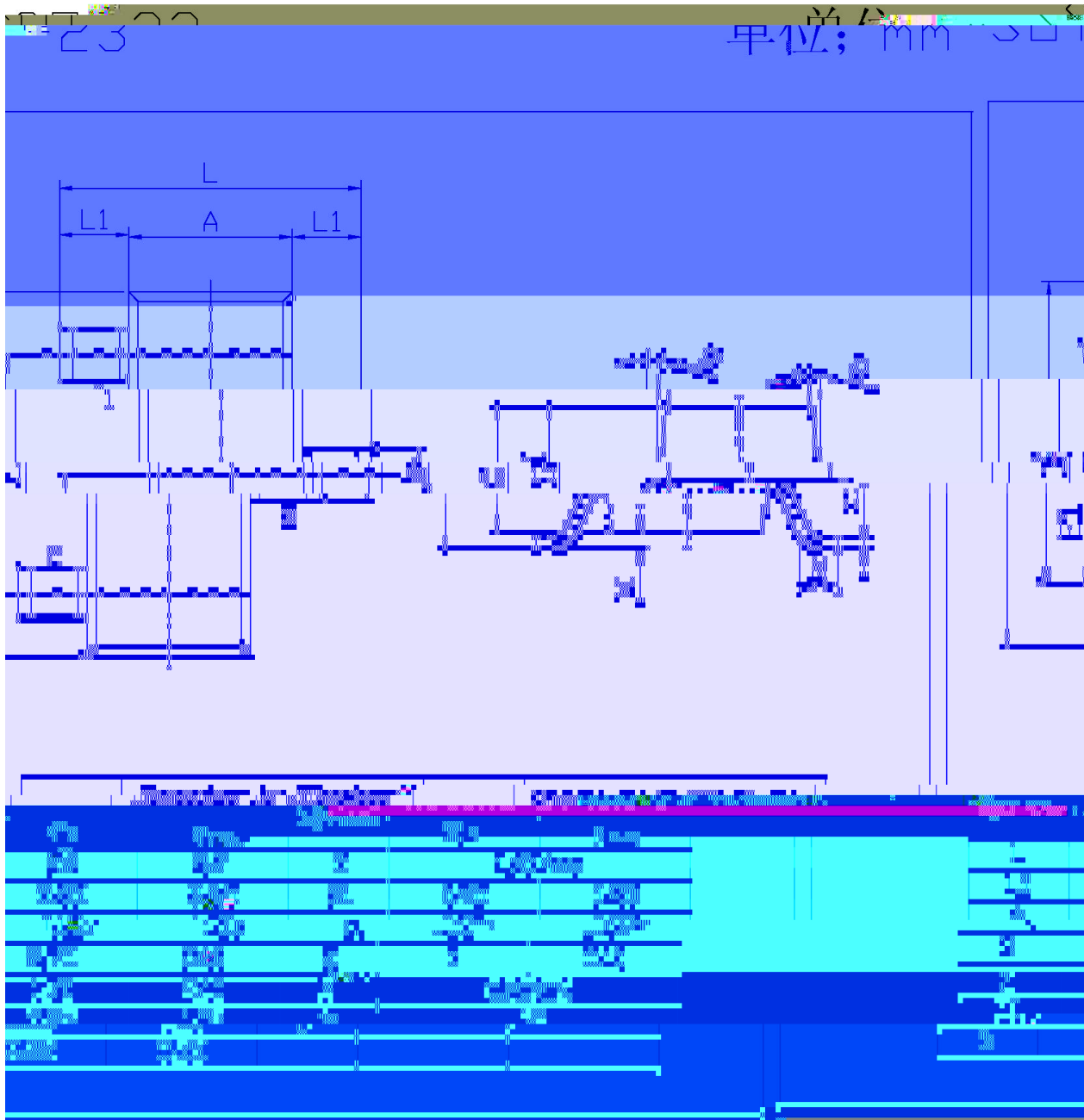
Parameter	Symbol	Rating	Unit
Drain–Source Voltage	V_{DS}	-60	V
Gate–Body Leakage Voltage	V_{GS}	± 20	V
Drain Current - Continuous	I_D	-5	A
Pulsed Drain Current	I_{DM}	-18	A
Power Dissipation (Surface Mounted on FR4 Board, $t \leq 10$ sec.)	P_D	1.5	W
Operating and Storage Temperature Range	T_J, T_{STG}	-55 150	
Maximum Junction-to-Ambient $t \leq 10s$	$R_{\theta JA}$		

/ Electrical Characteristic Curve

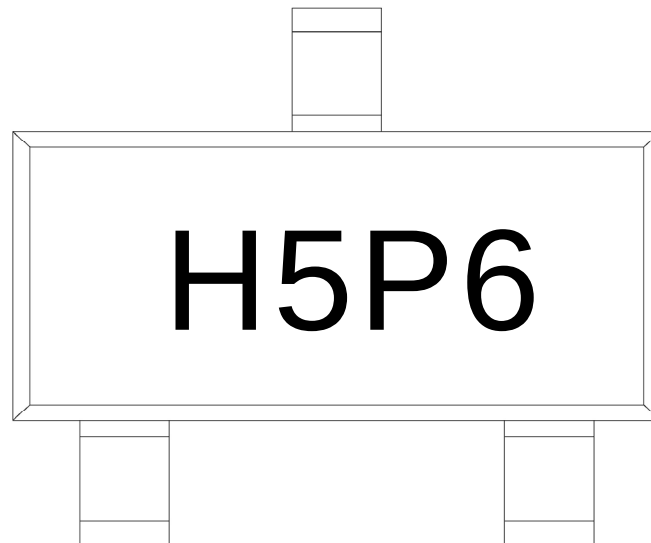


BRCS5P06MA
Rev.C Oct.-2022

/ Package Dimensions



/ Marking Instructions



H:

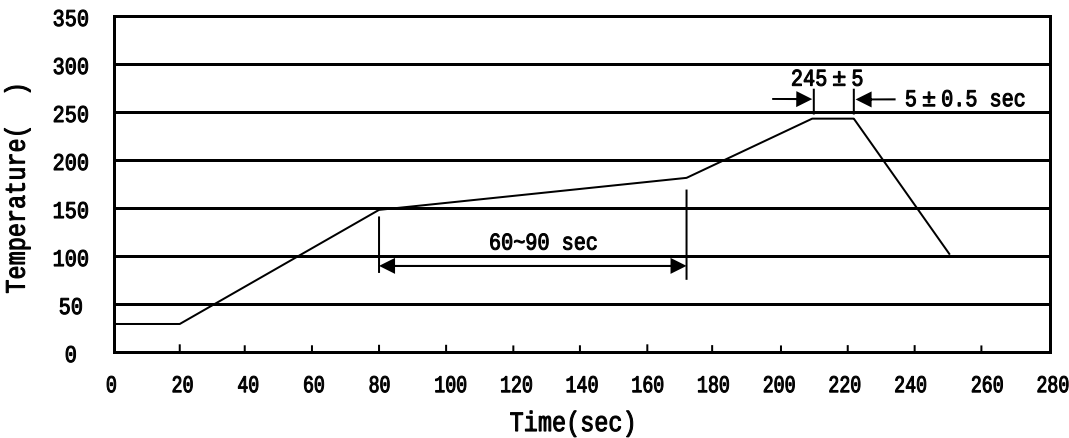
5P6

Note:

H Company Code

5P6: Product Type

() / 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.

/ 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 mm ³)		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices