/ Descriptions

SOT-23 P MOS

P- CHANNEL MOSFET in a SOT-23 Plastic Package.

/ Features

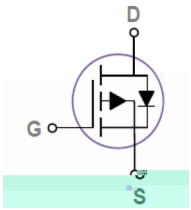
MOSFET AEC-Q101

Trench Power MOSFET technology, Low $R_{DS(ON)}$,Low Gate Charge, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

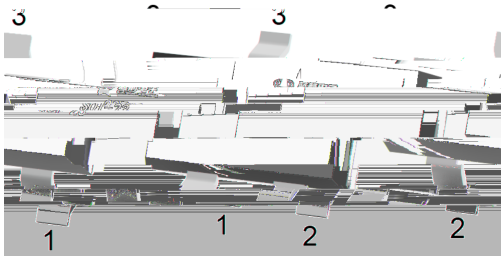
/ Applications

Primarily the display screen drive applications, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



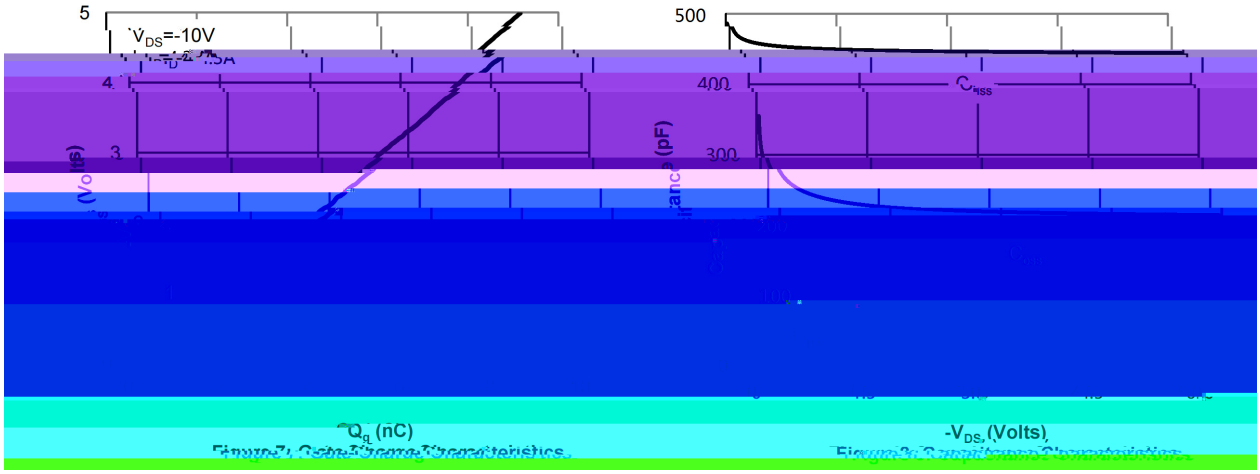
PIN1 G PIN 2 S PIN 3 D

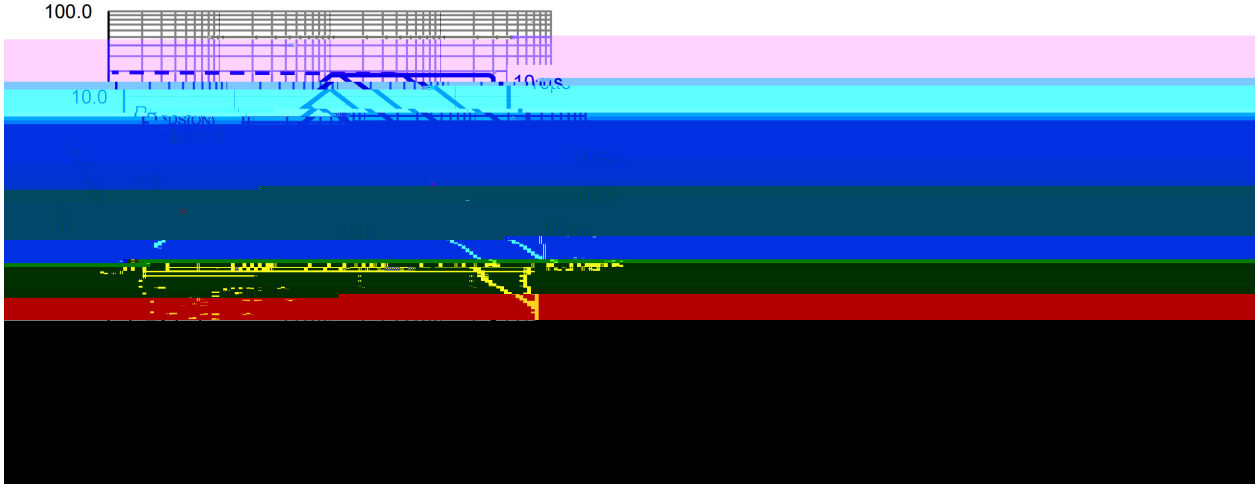
/ Marking

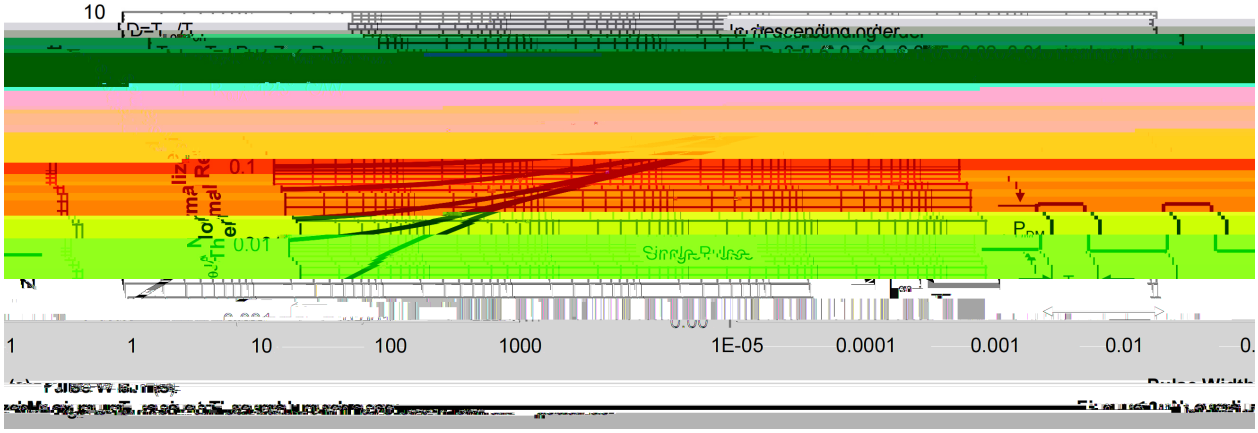
Marking	Q305

BRCS2305MAQ

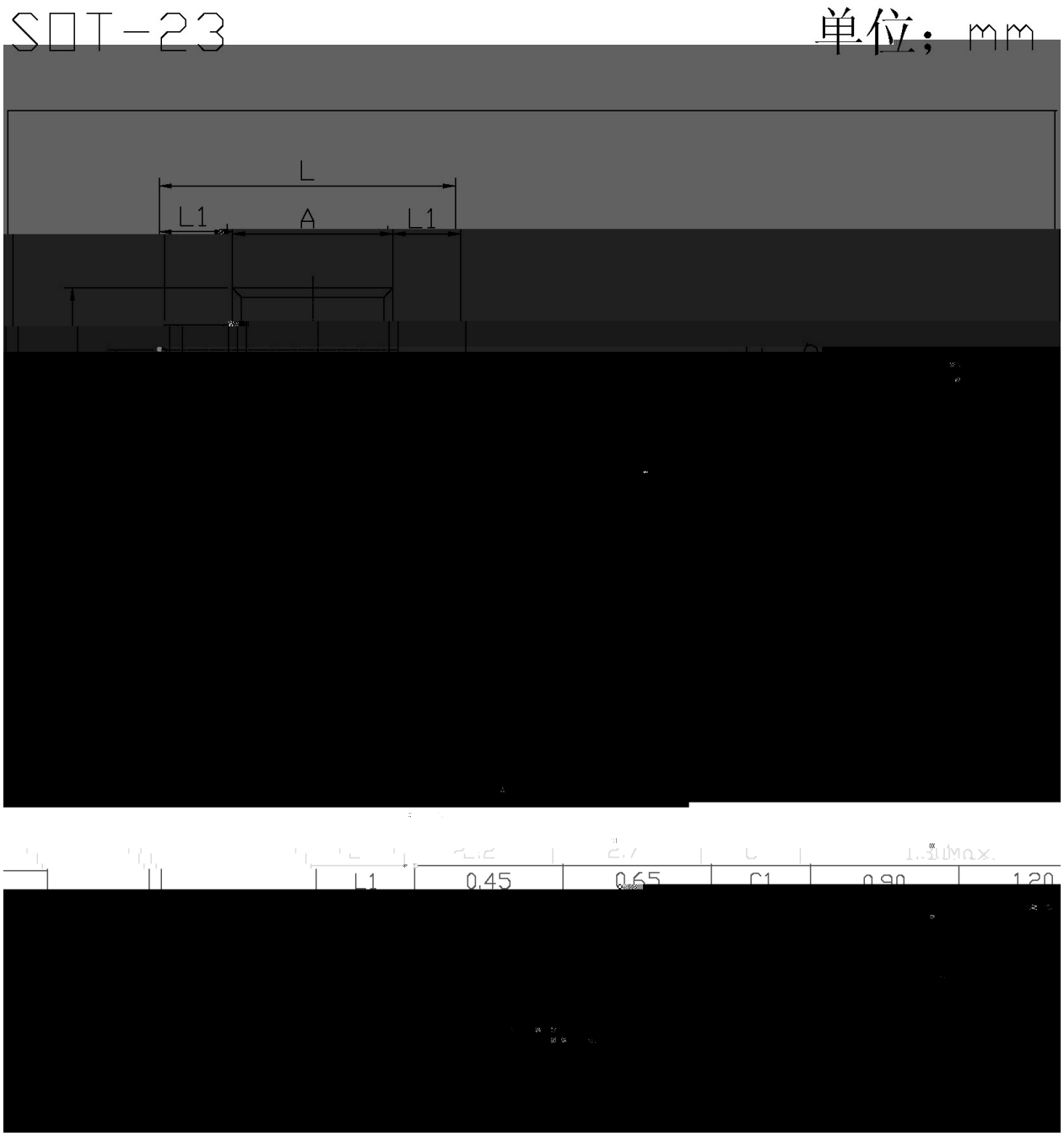
/ Electrical Characteristic Curve







/ Package Dimensions



BRCS2305MAQ

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

Note:

1		150	200		60	120sec;	1.Preheating:150~200 , Time:60~120sec.
2		255±5				5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3				2	10	/sec.	3. Cooling Speed: 2~10 /sec.

