

A	2022.2.12	ALL	AOS-AOD294A		

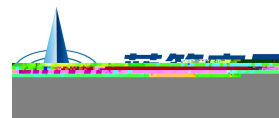
Q

AEC-Q101

A 2022-6-22 all

Q

BRCS150N10SDPQ



DATA SHEET

塑封封装 沟道场效应管。

$d_{S(on)}$ 小，门电荷低， r_{SS} 小，开关速度快，符合

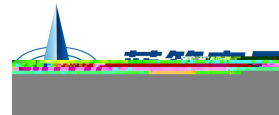
标准高可靠性要求，无卤产品。

/ Absolute Maximum Ratings(Ta=25)

参数		符号	数值	单位
		°C		
			±	
		°C		
				°C
	≤	θ		°C
		θ		

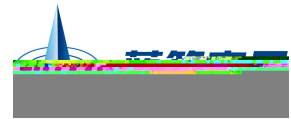
/ Electrical Characteristics(Ta=25)

参数	符号	测试条件	最小值	典型值	最大值	单位
					±	



/ Electrical Characteristics(Ta=25)

参数	符号	测试条件	最小值	典型值	最大值	单位
		Ω Ω				



/ Electrical Characteristic Curve

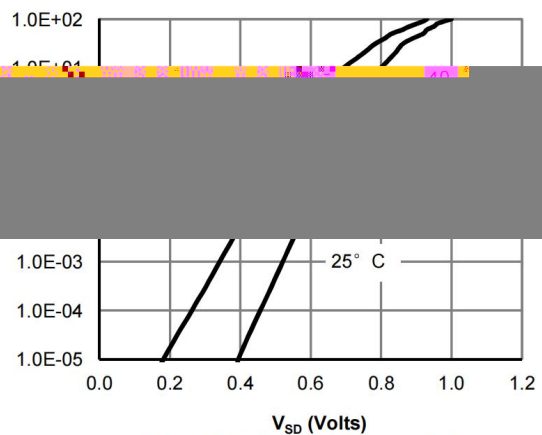
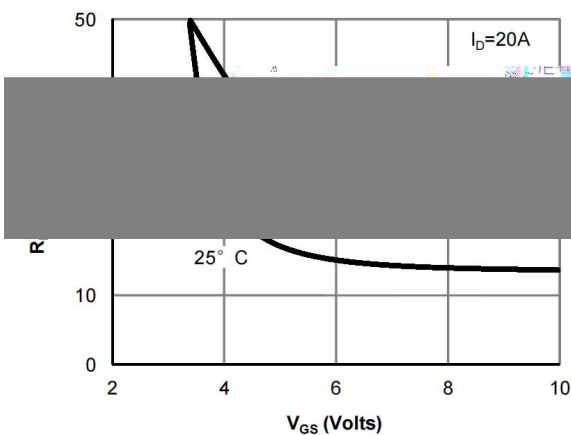
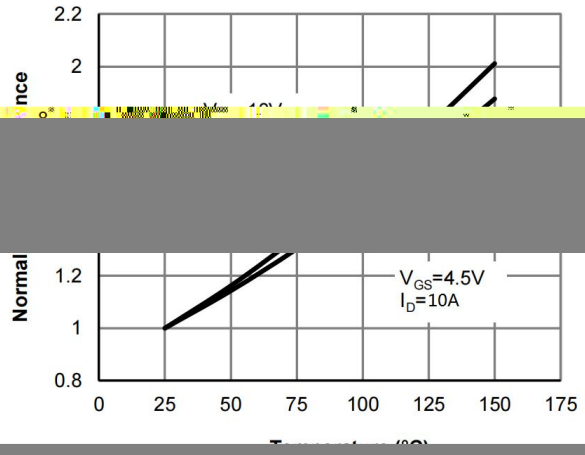
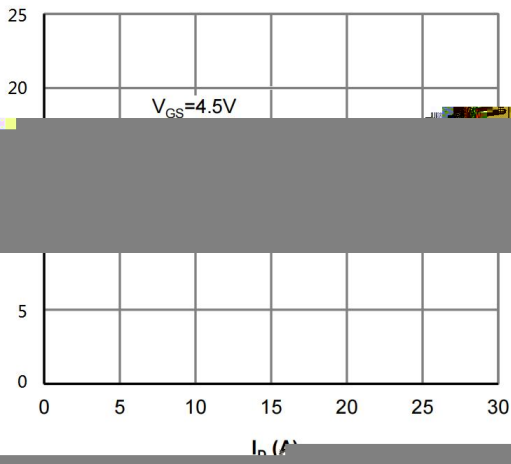
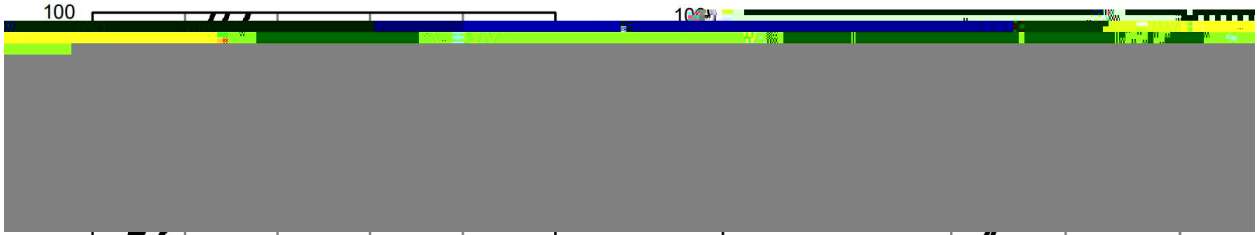
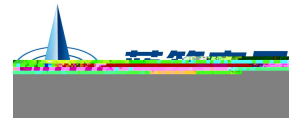
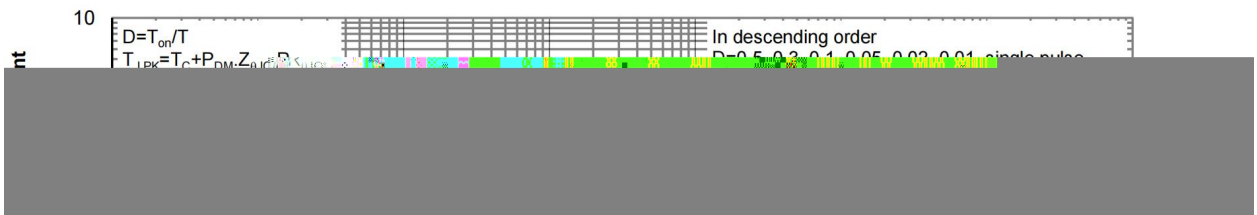
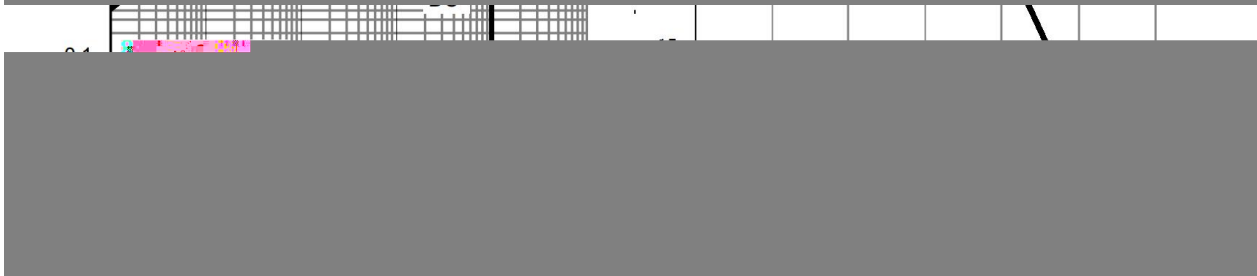
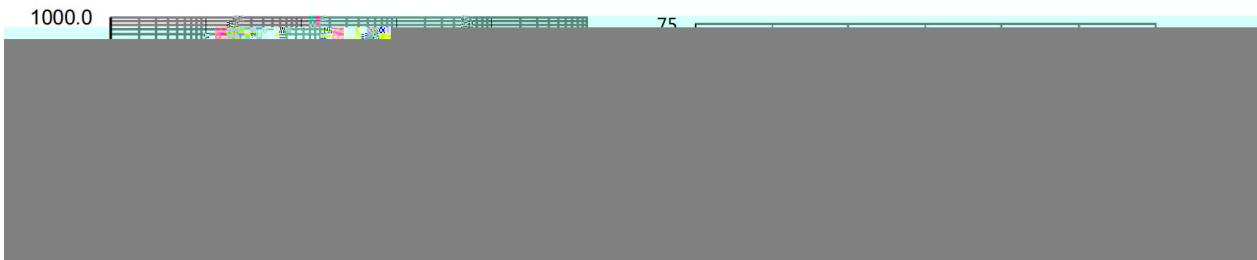


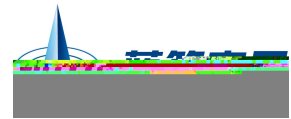
Figure 5: On-Resistance vs. Gate-Source Voltage

Figure 6: Body-Diode Characteristics

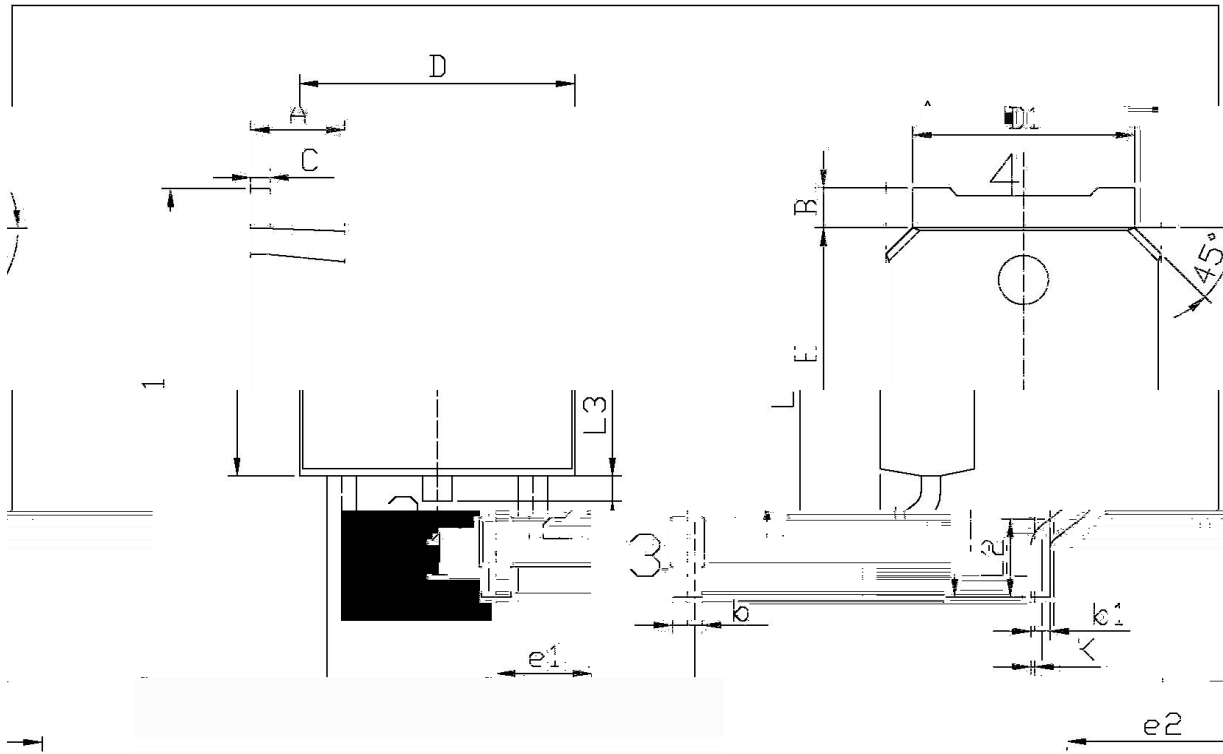


/ Electrical Characteristic Curve





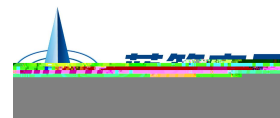
/ Package Dimensions



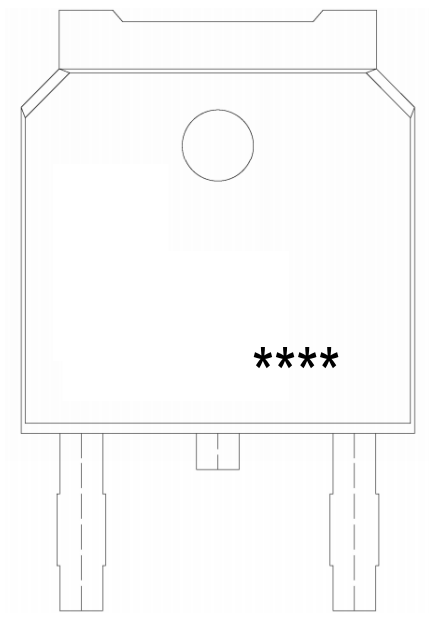
单位: mm

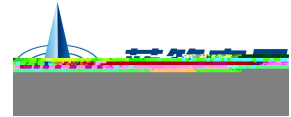
Dimensions In Millimeters				Dimensions In Millimeters				
Symbol	Min	Max	Symbol	Min	Max	Symbol	Min	Max
A	2.20	2.40	B	0.95	1.25	e1	2.24	2.54
B	0.95	1.25	e1	2.24	2.54	e2	3.30	4.57
b	0.70	0.90	e2	3.30	4.57	L1	9.85	10.16
b1	0.45	0.55	L1	9.85	10.16	C	0.45	0.60
L2	1.70	2.00	C	0.45	0.60	E	0.90	1.00
L3	0.60	0.90	E	0.90	1.00	R	0.00	0.00
L3	0.60	0.90	R	0.00	0.00	U	0.00	0.00

T0-252



/ Marking Instructions





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

\pm \pm °C
 \pm °C \pm °C
 °C °C

/ Resistance to Soldering Heat Test Conditions

\pm °C \pm °C

/ Packaging SPEC.

封装形式	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	包装数量		包装尺寸	:
			Units/Inner Box 只/盒	Inner Boxes/Outer Box		