

/ Descriptions

/ Features

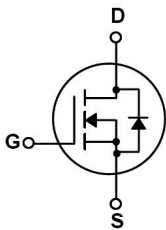
$\leq$ Ω Ω

$\leq$ Ω Ω

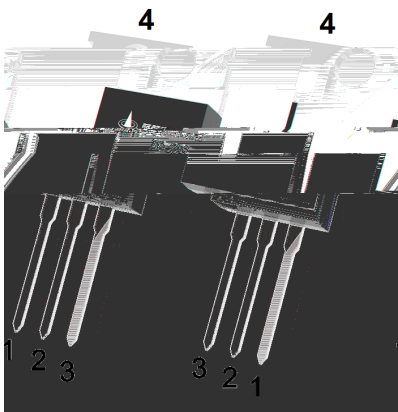
/ Applications

PFC

/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Ta=25)

			±	
	≤	θ		
		θ		

/ Electrical Characteristics(Ta=25)

		μ				
						μ
					±	
		μ				
						Ω
						Ω
						Ω

/ Electrical Characteristics(Ta=25)

		Ω Ω				

/ Electrical Characteristic Curve

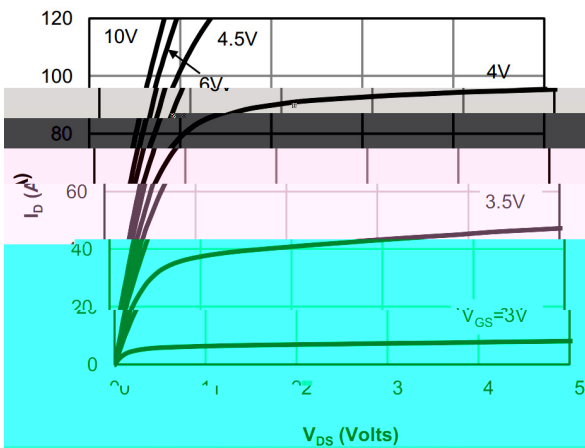


Figure 1: On-Region Characteristics

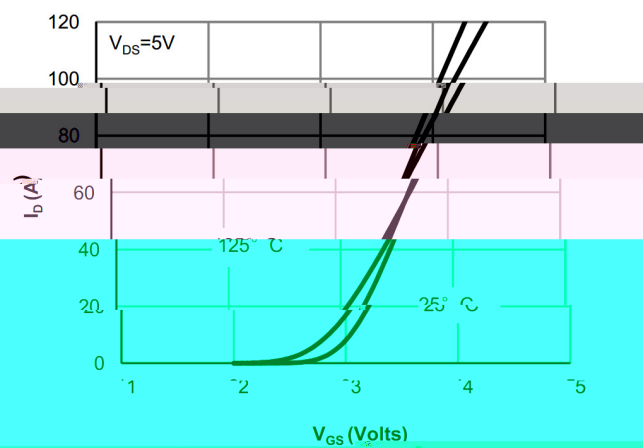


Figure 2: Transfer Characteristics

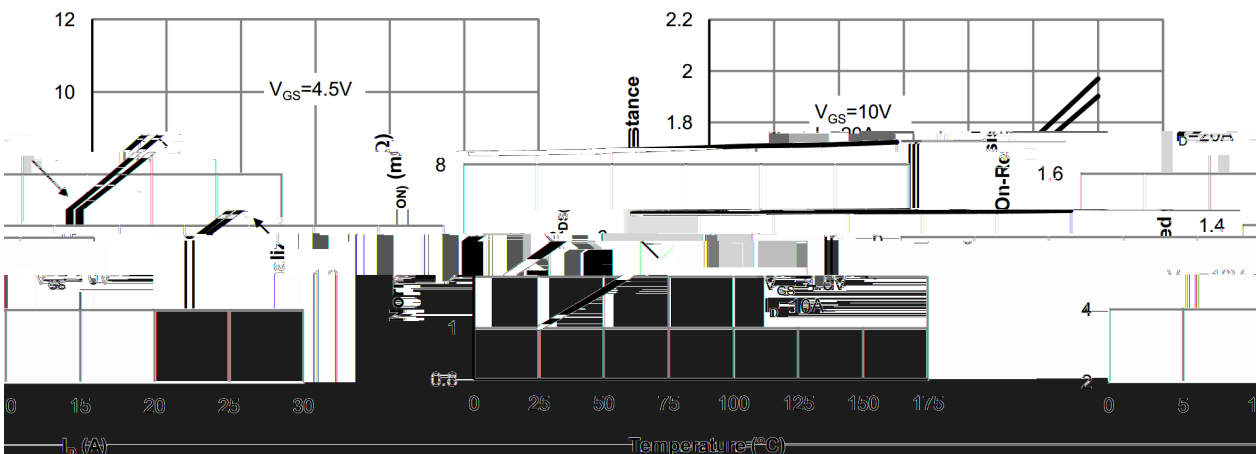


Figure 3: On-Resistance vs. Drain Current

Figure 4: On-Resistance vs. Junction Temperature

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

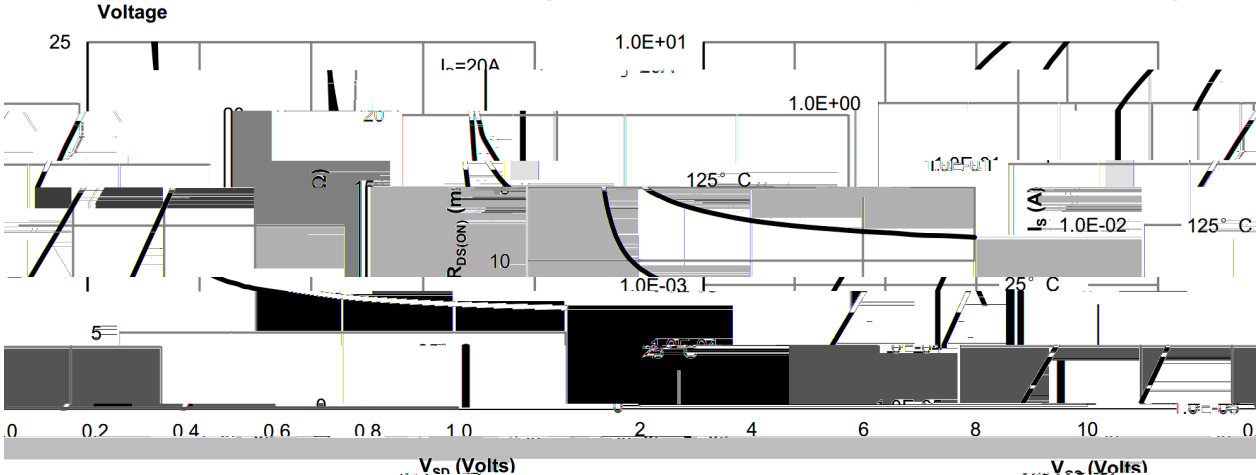


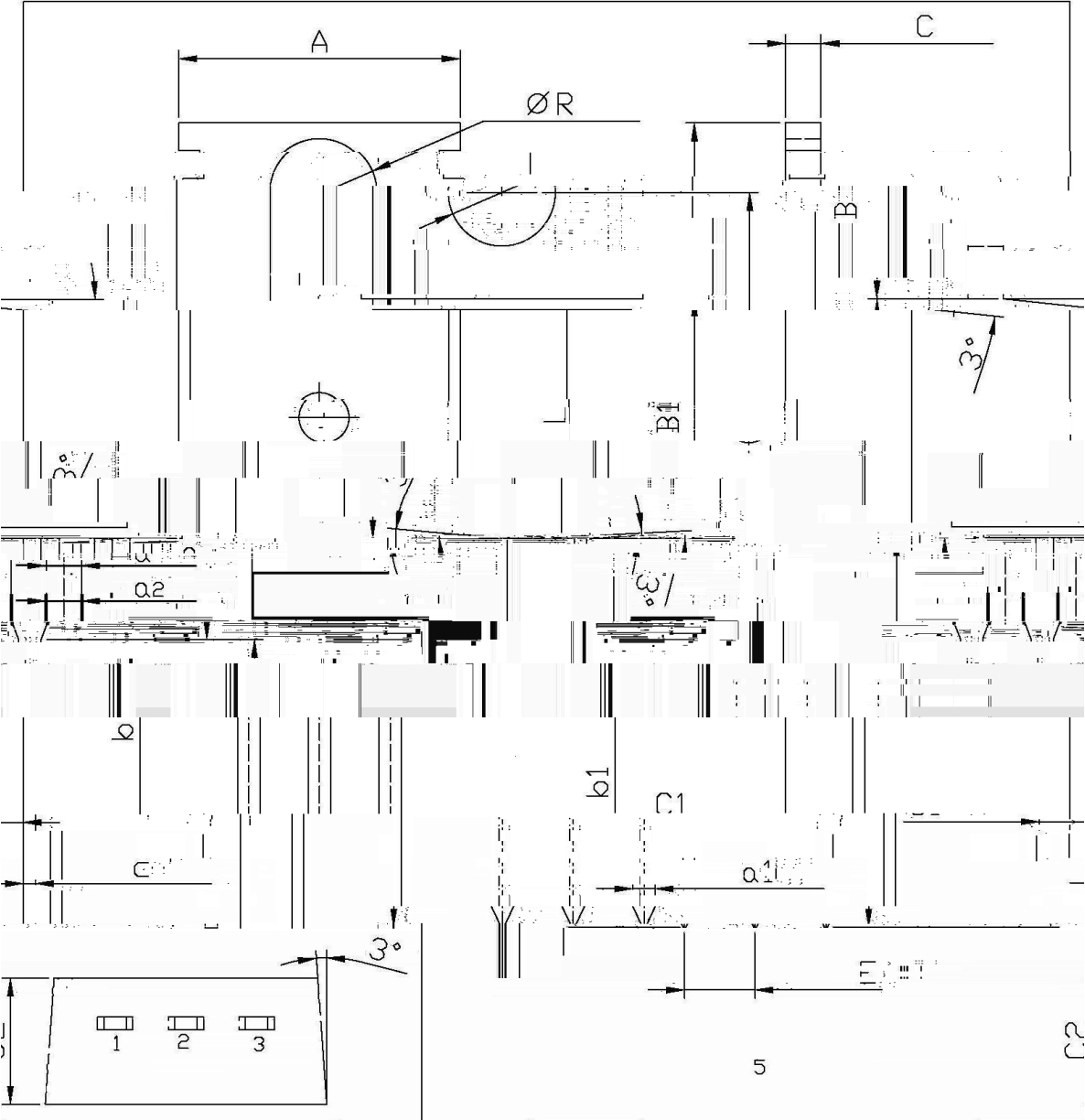
Figure 6: Body Diode Characteristics

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

/ Package Dimensions

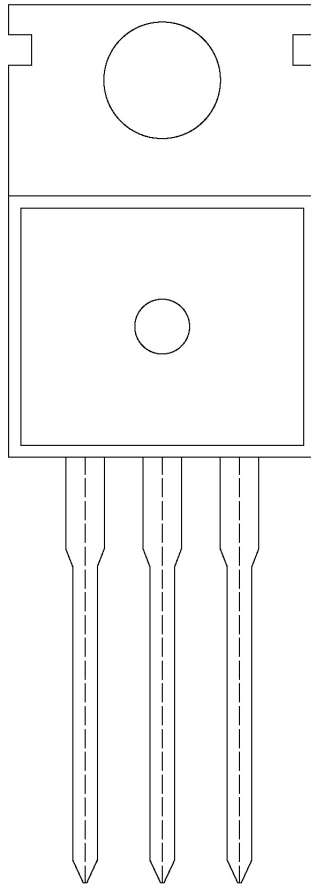
TO-220

单位: mm



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
R	3.56	3.64	B	6.3	6.7
L	15.7	16.1	B1	9.0	9.4
b	12.6	13.6	C1	2.2	2.6

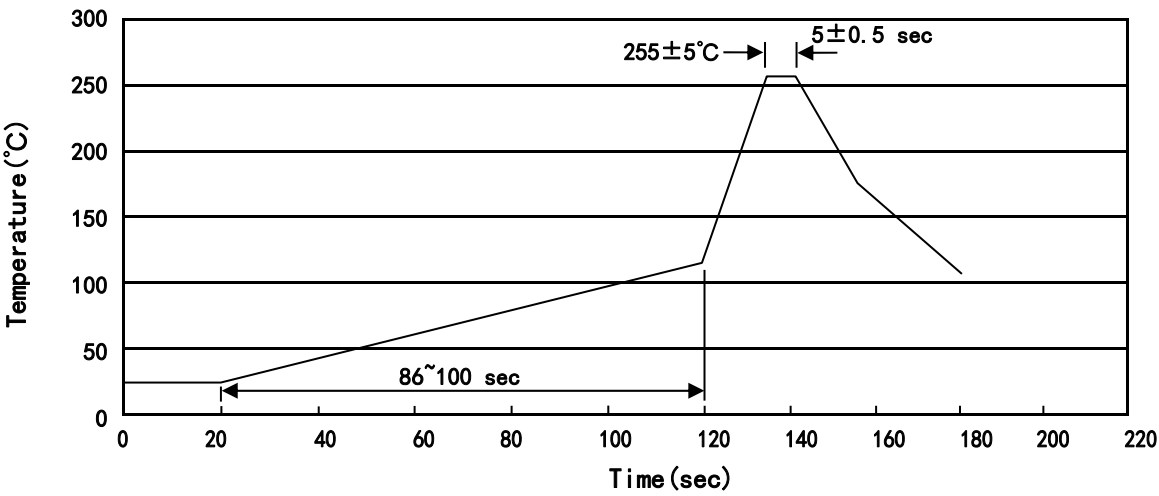
/ Marking Instructions



BR

080N10S

() / Temperature Profile for Dip Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

/ Notices