/ Descriptions

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/ Features

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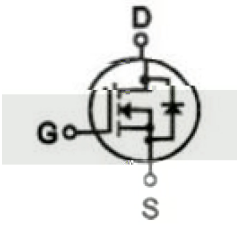
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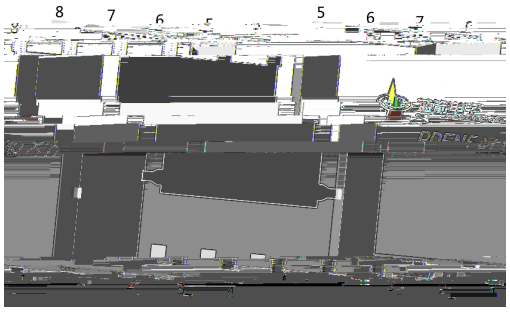
/ Applications

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/ Equivalent Circuit



/ Pinning



/ Marking

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BRCS035N04SZC

DATA SHEET

/ Electrical Characteristics(Ta=25)

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/ Electrical Characteristic Curve

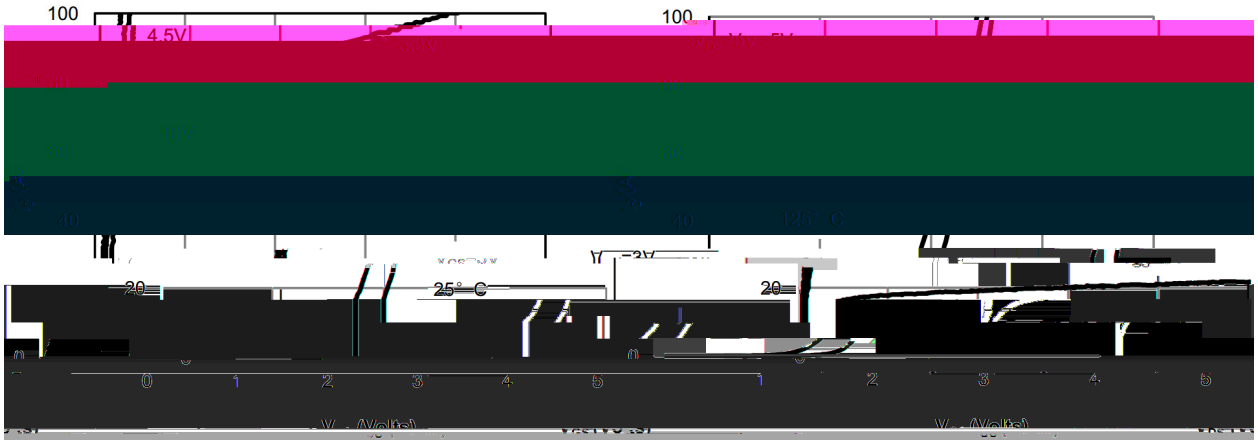
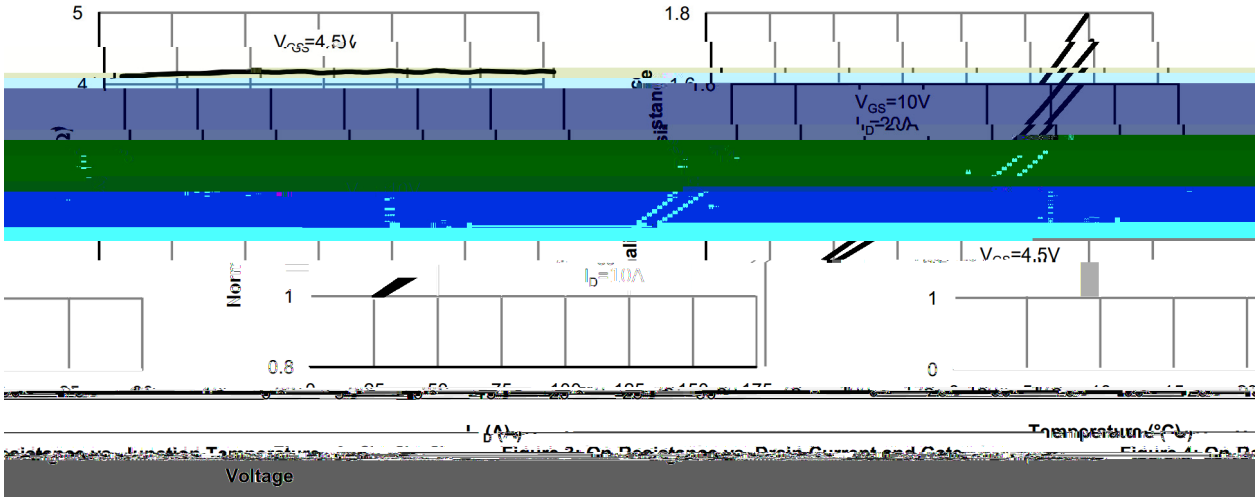
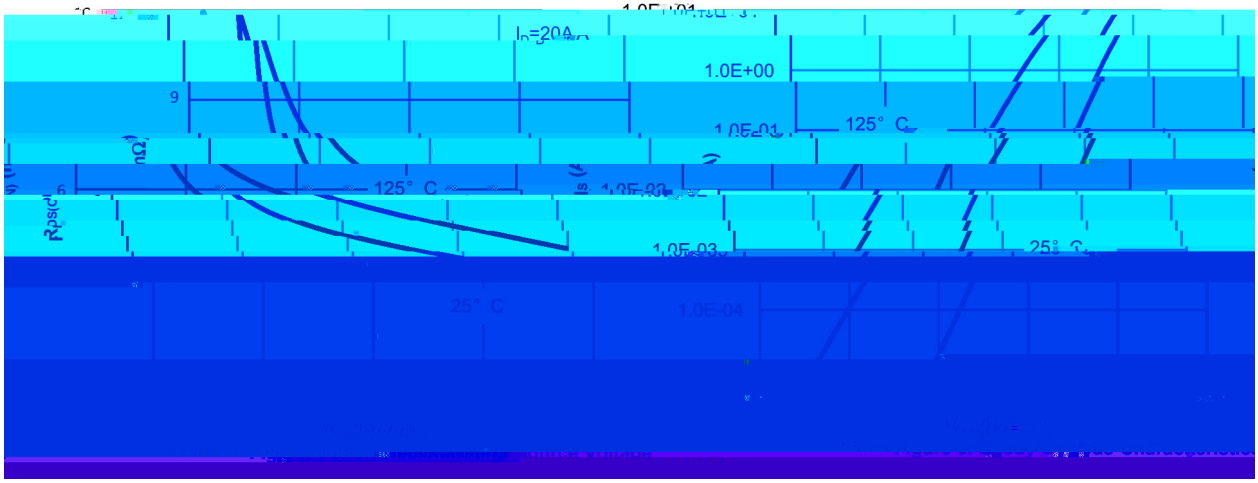


Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics



Voltage



/ Electrical Characteristic Curve

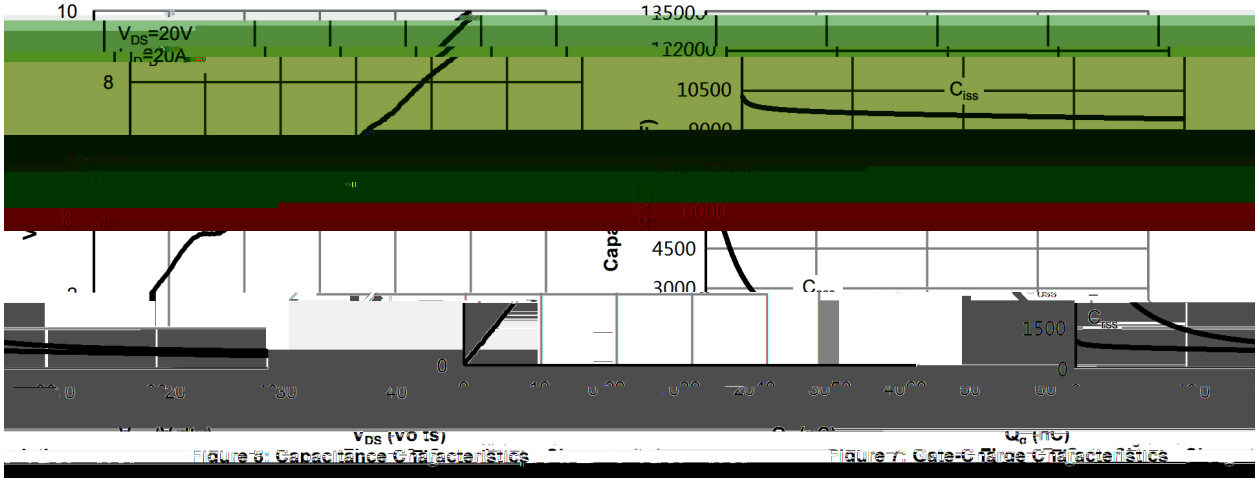
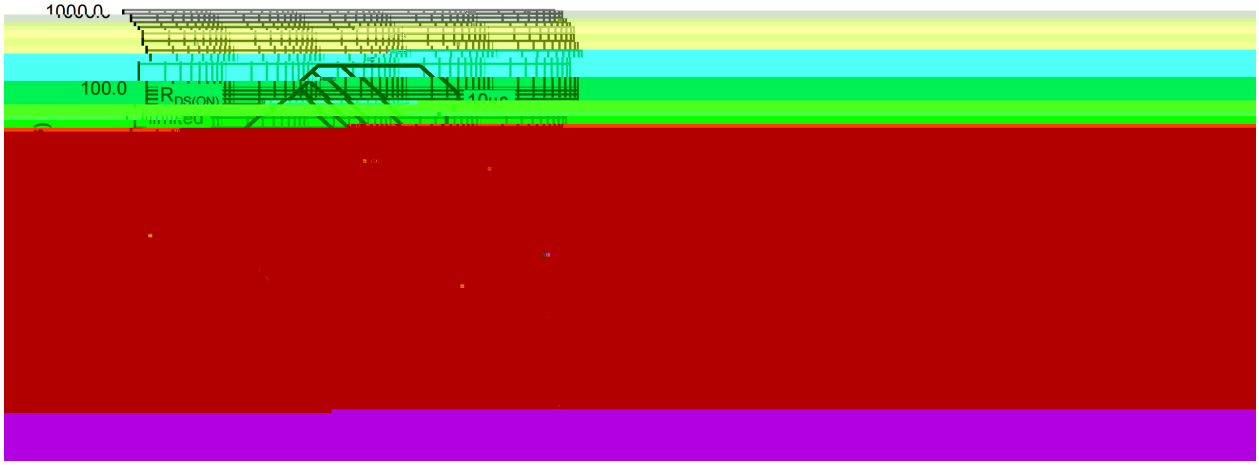
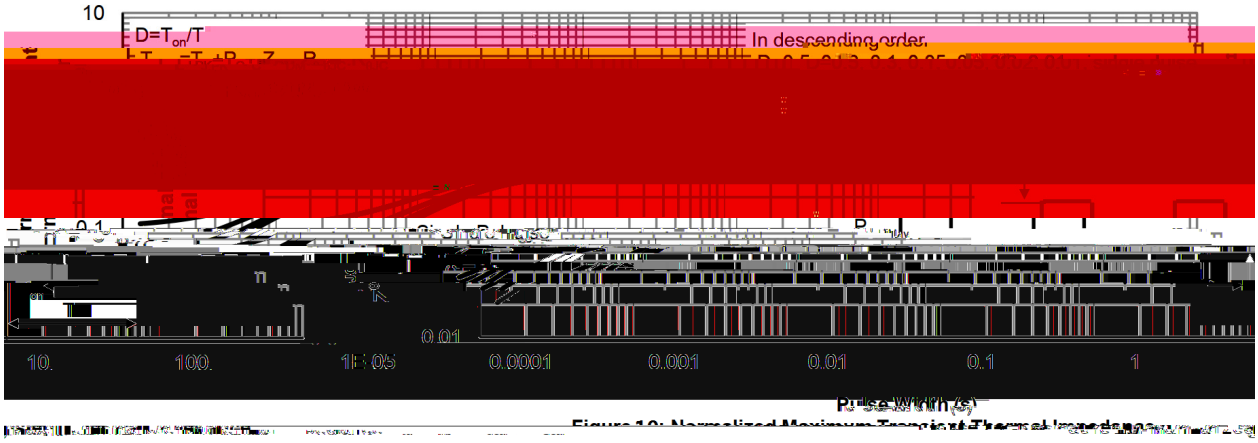


Figure 8: Capacitance Characteristics

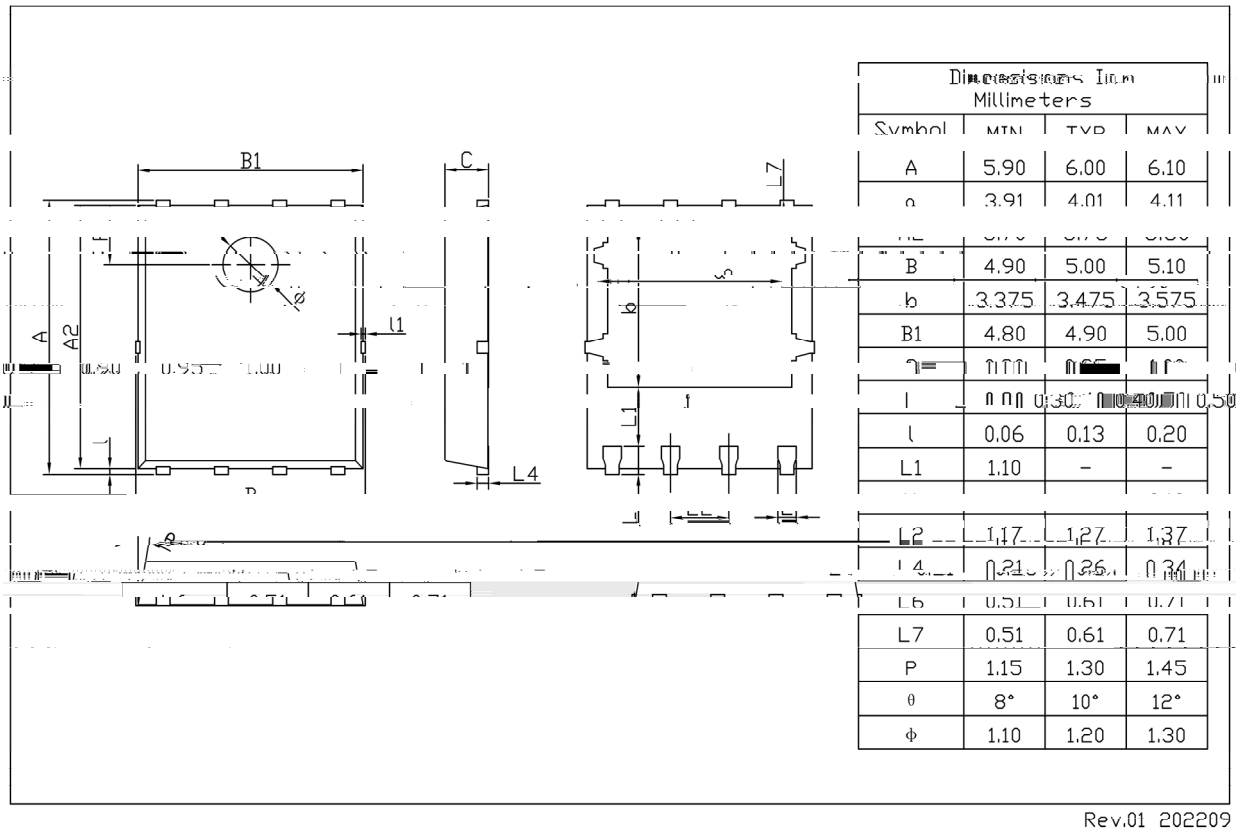
Figure 7: Gate-Charge Characteristics





/ Package Dimensions

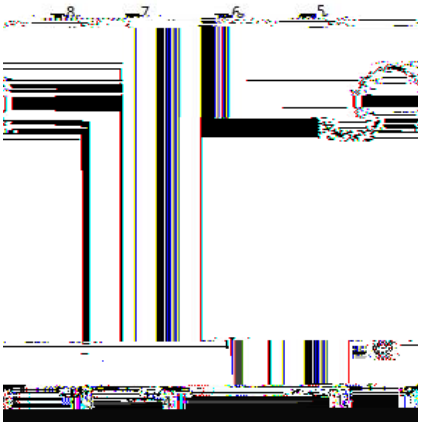
PDFN5×6 Unit:mm



Dimensions In Millimeters			
Symbol	MIN	TYP	MAX
A	5.90	6.00	6.10
[illegible]	3.91	4.01	4.11
B	4.90	5.00	5.10
b	3.375	3.475	3.575
B1	4.80	4.90	5.00
[illegible]	[illegible]	[illegible]	[illegible]
l	[illegible]	0.30	[illegible] 0.50
l	0.06	0.13	0.20
L1	1.10	–	–
[illegible]	[illegible]	[illegible]	[illegible]
L2	1.17	1.27	1.37
L4	[illegible]	[illegible]	[illegible]
L6	[illegible]	[illegible]	[illegible]
L7	0.51	0.61	0.71
P	1.15	1.30	1.45
θ	8°	10°	12°
Φ	1.10	1.20	1.30

Rev.01 202209

/ Marking Instructions



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

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/ Resistance to Soldering Heat Test Conditions

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