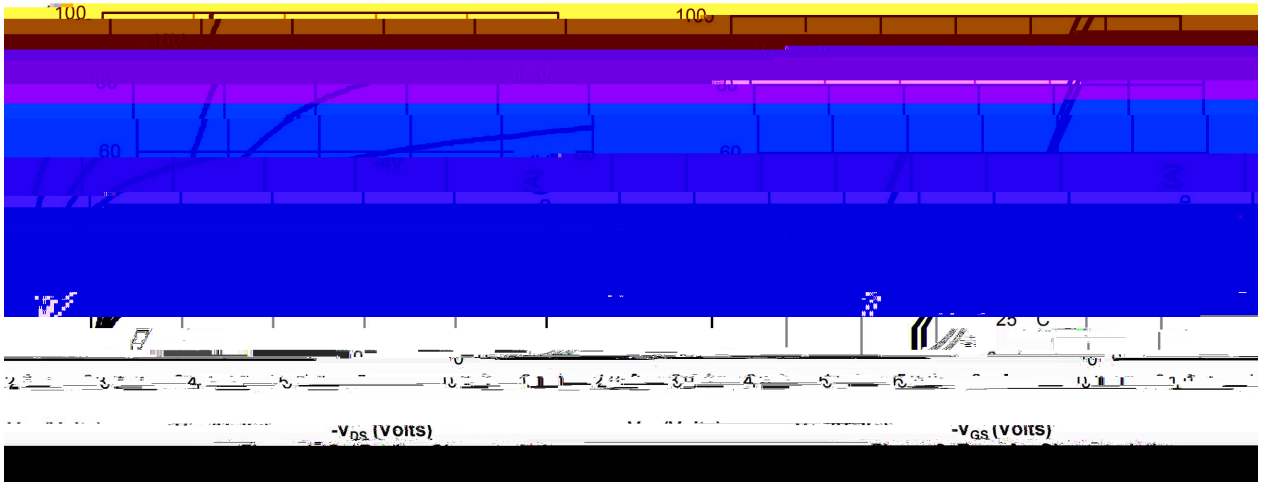
PDFN5×6 P
P-Channel MOSFET in a PDFN5×6 Plastic Package.

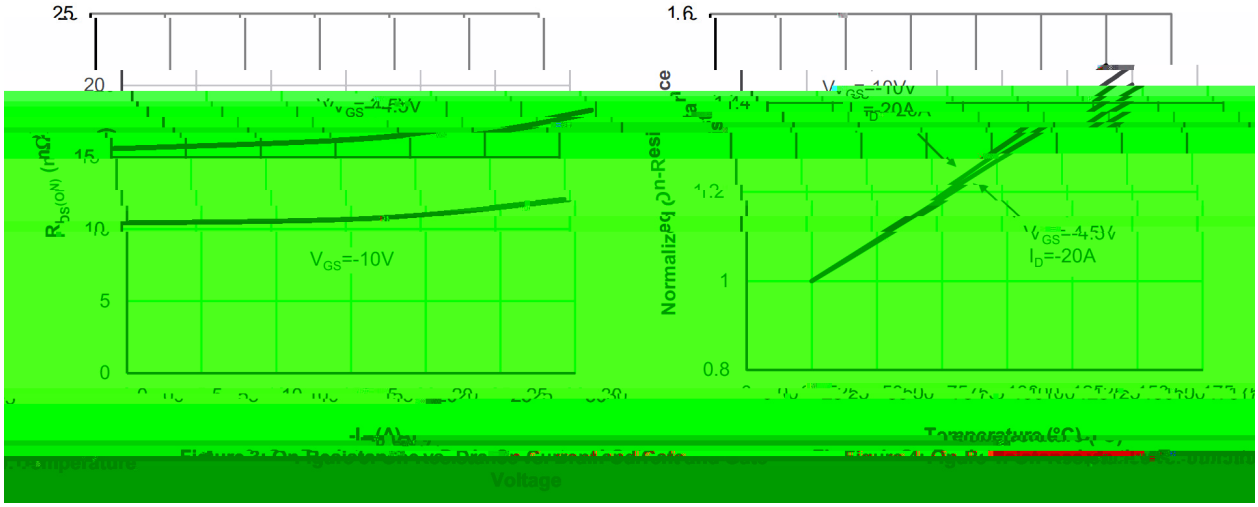
V_{DS} (V) = -30V I_D =-46A (V_{GS} = ±20V)
$R_{DS(ON)}$@-10V≤12mΩ(Typ.10.5mΩ)
$R_{DS(ON)}$@-4.5V≤18mΩ(Typ.16.5mΩ)
HF Product.

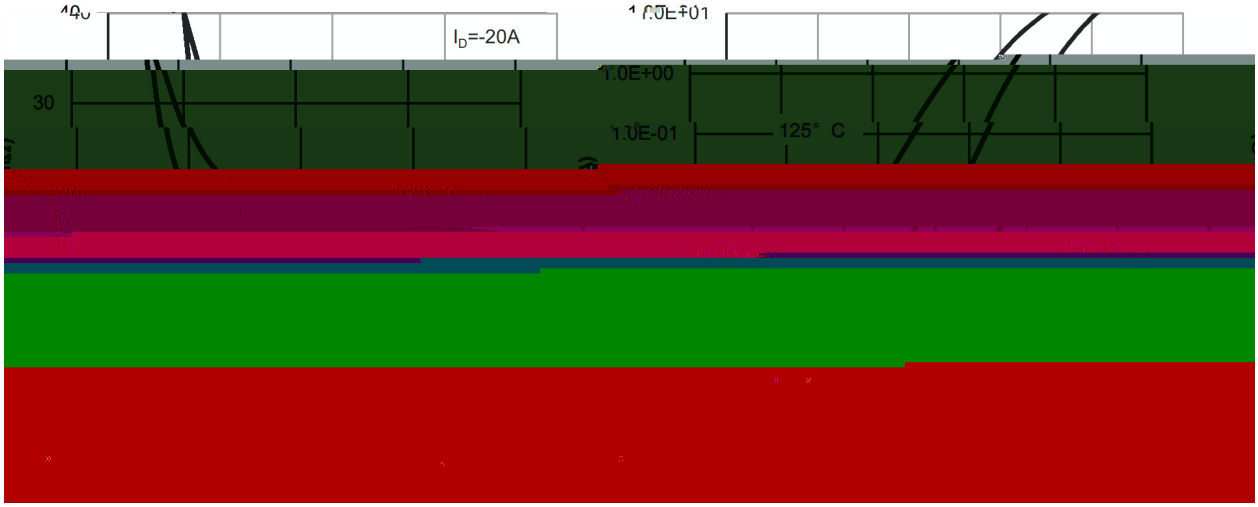
Parameter	Symbol Z.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Drain-Source Breakdown Voltage	BV_{DSS}	I_D=-250μA V_{GS}=0V				

/ Electrical Characteristic Curve

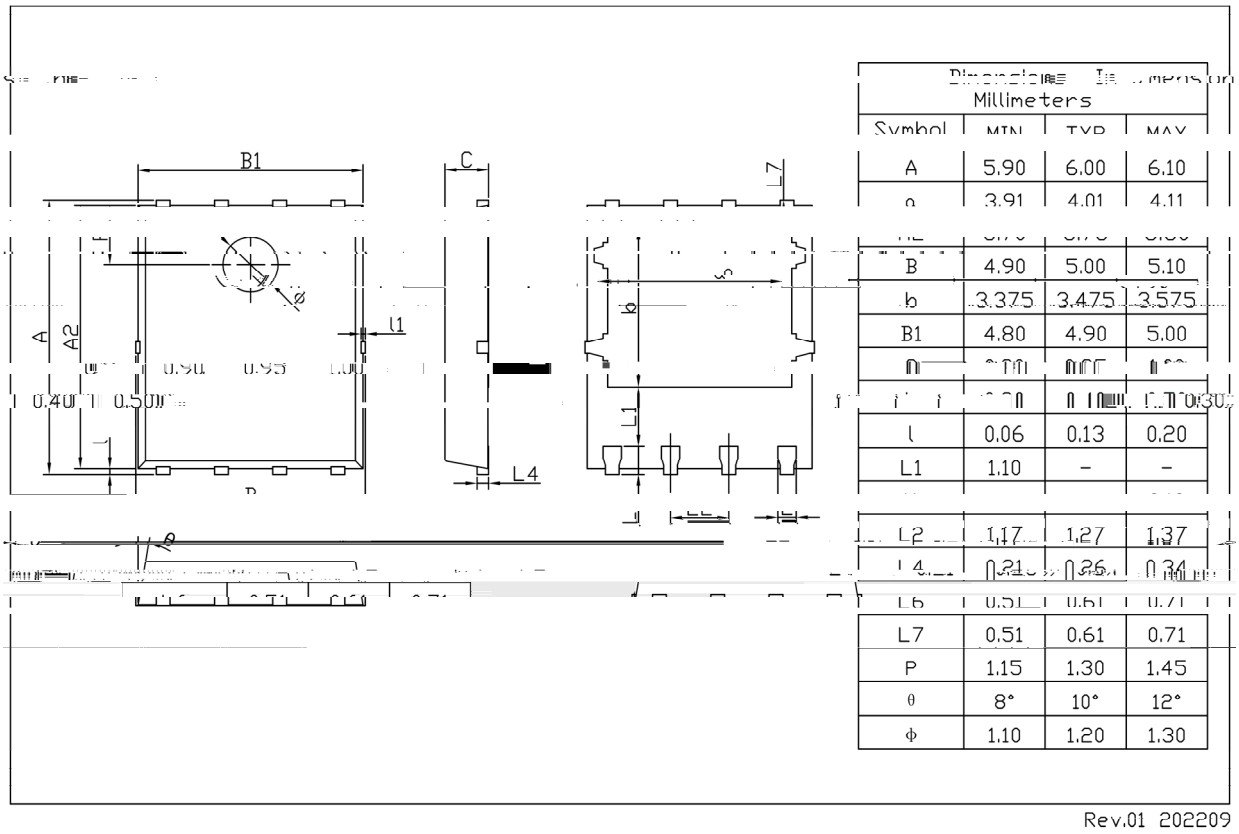






/ Package Dimensions

PDFN5×6 Unit:mm



Symbol	Millimeters MIN	TYP	MAX
A	5.90	6.00	6.10
A2	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
C	0.90	0.95	1.00
E2	3.70	3.80	3.90
e	1.17	1.27	1.37
L	0.06	0.13	0.20
L1	1.10	–	–
L2	1.17	1.27	1.37
L4	0.21	0.26	0.34
L6	0.51	0.61	0.71
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

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/ Marking Instructions

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

Note:

1 150 180 60 90sec;

2 245±5 5±0.5sec;

3 2 10 /sec.

1.Preheating:150~180 , Time:60~90sec.

2.Peak Temp.:245±5 , Duration:5±0.5sec.

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 mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box	