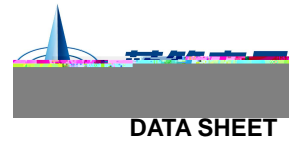




	A	2022.07.15	All	AOS-AON		
	A	2022-7-20	all	Q ±5°C 5±0.5sec		

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## / Descriptions

PDFN5×6 P

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

## / Features

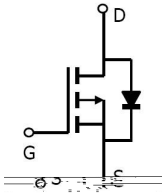
AEC-Q101

Low  $R_{DS(ON)}$  to minimize conductive loss; low Gate Charge for fast switching; Low Thermal resistance; Qualified to AEC-Q101 Standards for High Reliability; HF Product.

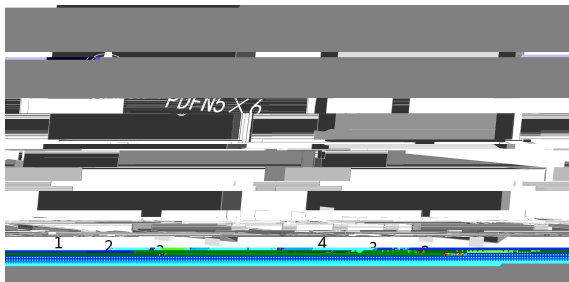
## / Applications

Notebook AC-in load switch, Battery Protection Charge/Discharge, Meet the stringent requirements of automotive applications.

## / Equivalent Circuit



## / Pinning



PIN1、2、3: S    PIN4: G    PIN5、6、7、8: D

Pin	极性
1	S
2	S
3	S
4	G
5	D
6	D
7	D
8	D

## / Marking

见印章说明。

See Marking Instructions.

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DATA SHEET

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DS}$	-40	V
Drain Current - Continuous	$I_D(T_c=25^\circ\text{C})$	-45	A
Drain Current – Pulsed	$I_{DM}$	-120	A
Gate-Source Voltage	$V_{GS}$	$\pm 20$	V

c

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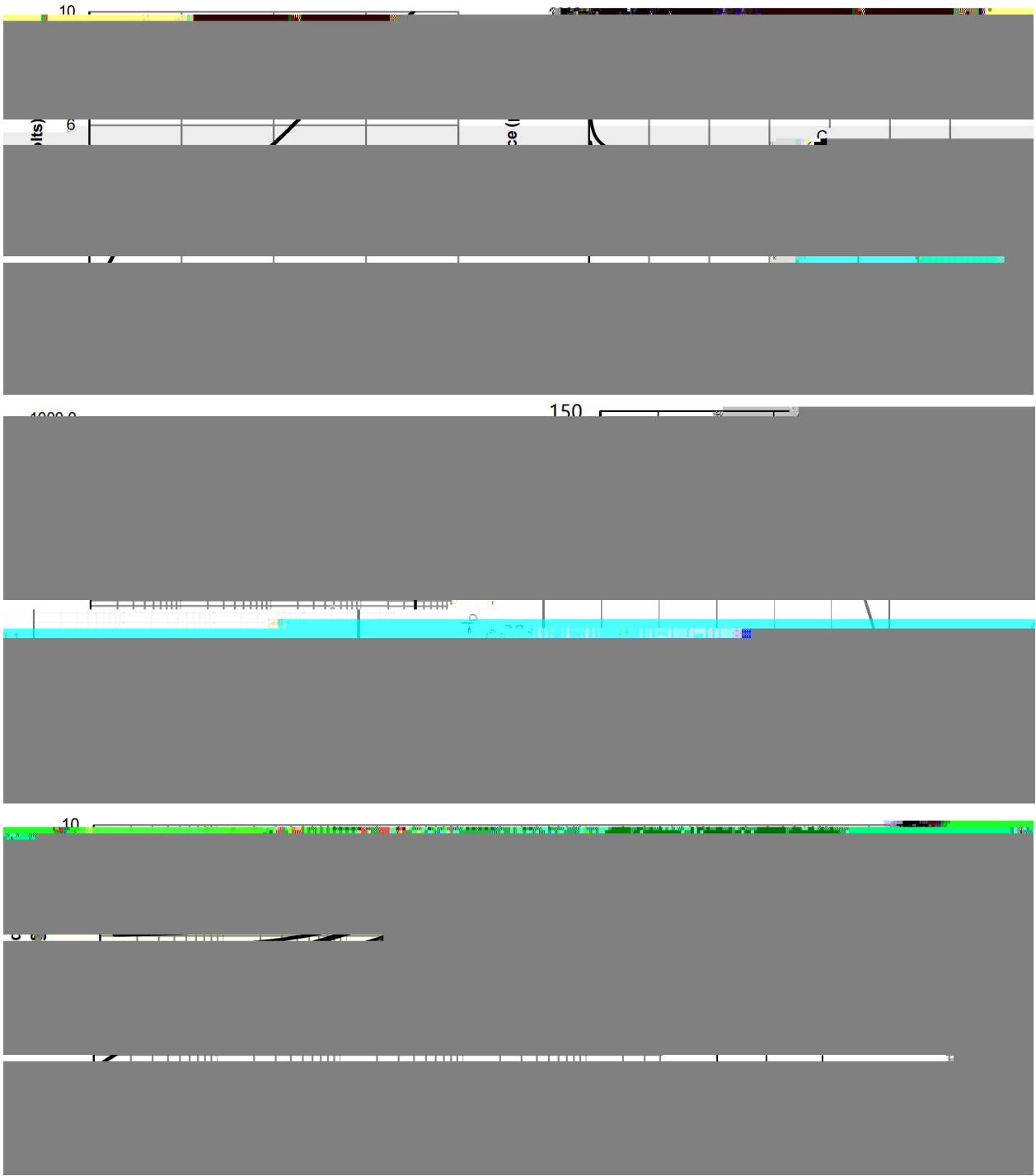
DATA SHEET

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Parameter	Symbol	I / fi fl Test Conditions	Min	Typ	Max	Unit
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**/ Electrical Characteristic Curve**



**/ Package Dimensions**



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**DATA SHEET**



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