

/ Descriptions

PDFN5Ø6 N

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

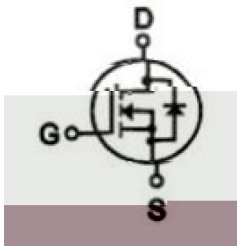
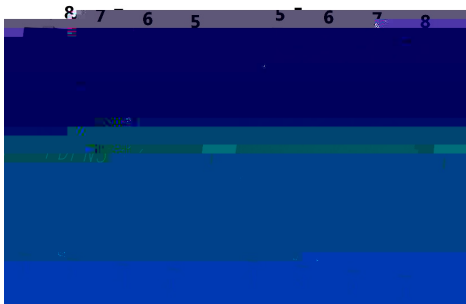
/ Features $V_{DS}(V)=60\text{ V}$ $I_D=81\text{ A}$ $R_{DS(ON)}@10V\leq 5.2\text{ m}\Omega(\text{Typ. } 4.9\text{ m}\Omega)$ $R_{DS(ON)}@4.5V\leq 7.5\text{ m}\Omega(\text{Typ. } 6.8\text{ m}\Omega)$ AEC-Q101
HF Product.

Qualified to AEC-Q101 Standards for High Reliability,

/ Applications

GF0GF

Secondary Side Synchronous Rectification, DC-DC Converter, Motor Control, Load Switching, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit**/ Pinning**

PIN1 2 3 S PIN4 G PIN5 6 7 8 D

/ Marking

See Marking Instructions.

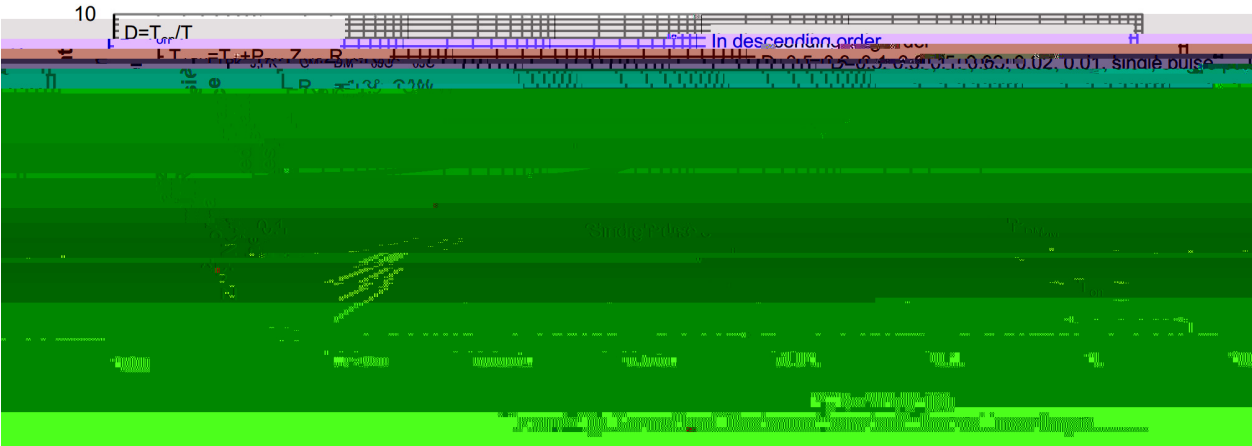
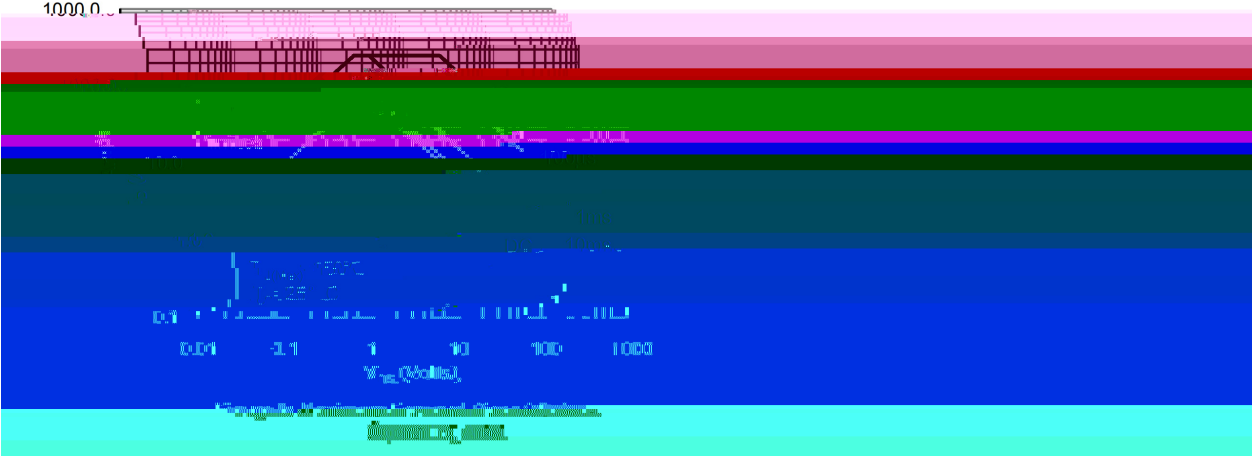
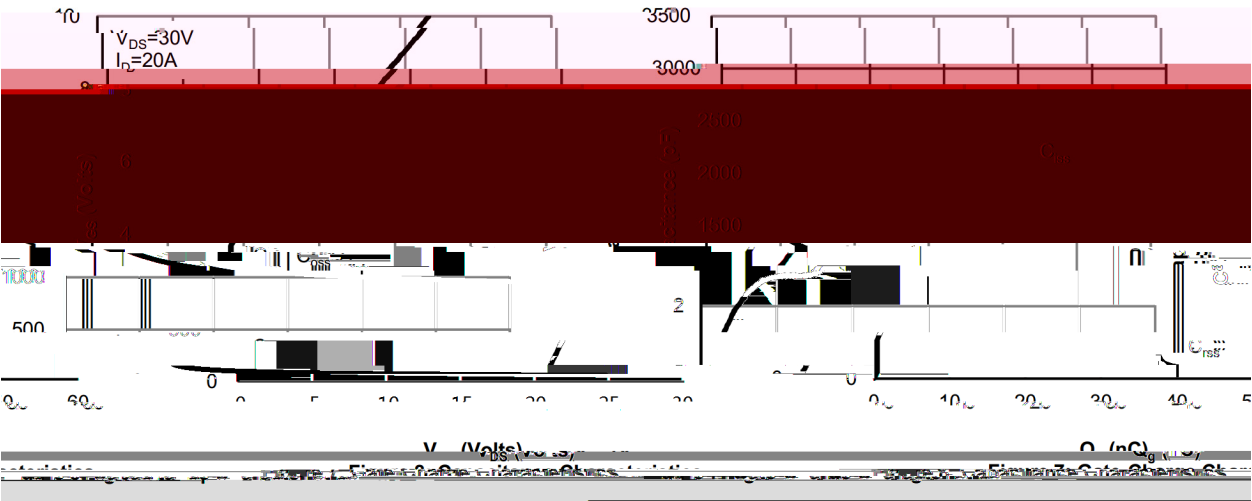
BRCS050N06SZCQ

Rev.A Feb.-2025

/ Electrical Characteristic Curve

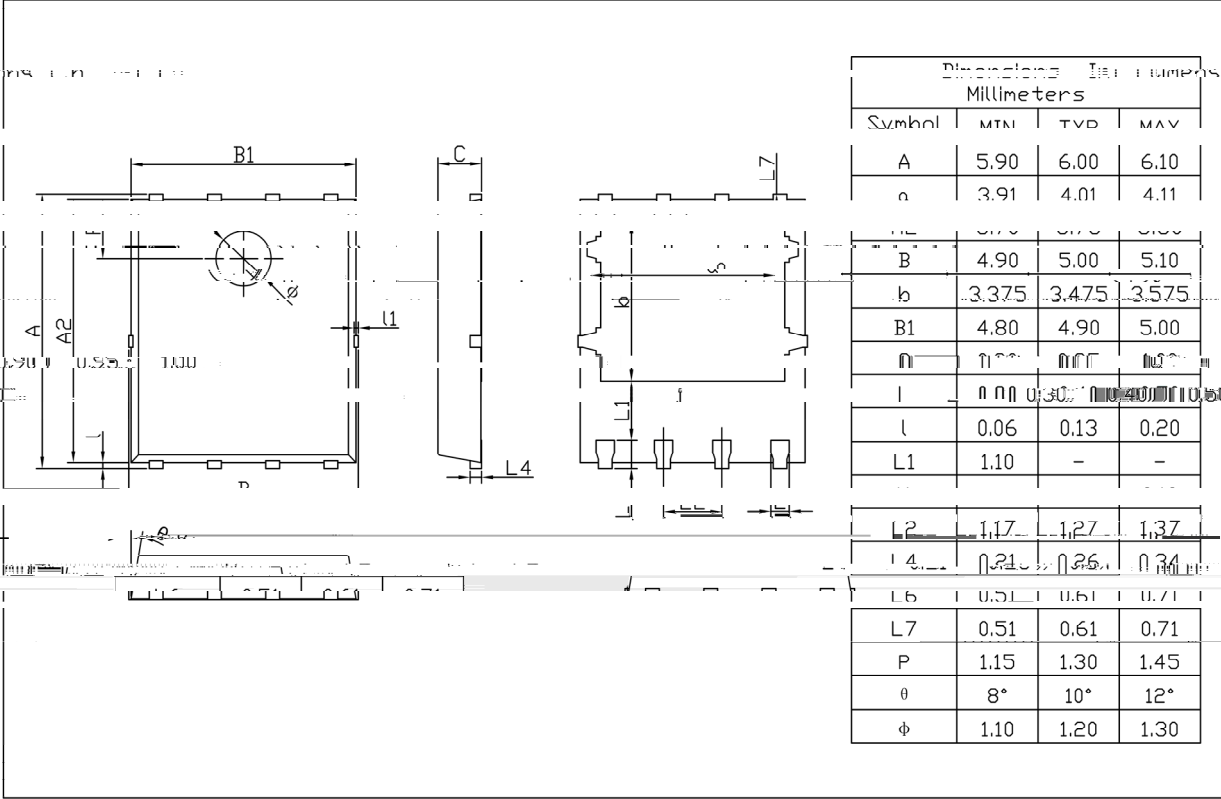


/ Electrical Characteristic Curve



/ Package Dimensions

PDFN5 X6Unit:mm



Rev.01 202209

/ Marking Instructions



EU	
T	
050N06S	

Note	
BR	Company Code
Q:	Automobile halogen-free product Code
050N06S	Product Type Code
****:	Lot No. Code, code change with Lot No

BRCS050N06SZCQ

Rev.A Feb.-2025



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

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

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