

Rev.A Feb.-2025

PDFN5² 6 N
N-Channel MOSFET in a PDFN5x6 Plastic Package.

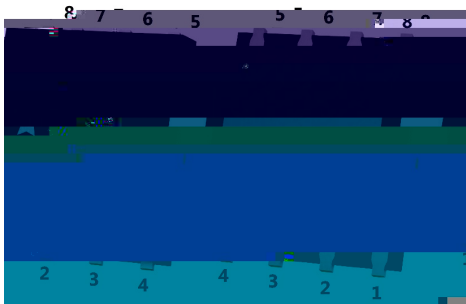
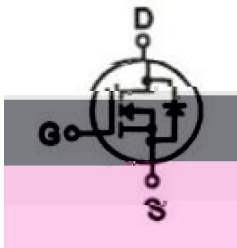
$V_{DS}(V)=60\text{ V}$ $I_D=81\text{ A}$
 $R_{DS(ON)}@10\text{ V } 5.2\text{ m}$ (Typ. 4.9m)
 $R_{DS(ON)}@4.5\text{ V } 7.5\text{ m}$ (Typ.6.8mR)

AEC-Q101
HF Product.

Qualified to AEC-Q101 Standards for High Reliability,

; : \$:

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



PIN1 2 3 S PIN4 G PIN5 6 7 8 D

See Marking Instructions.

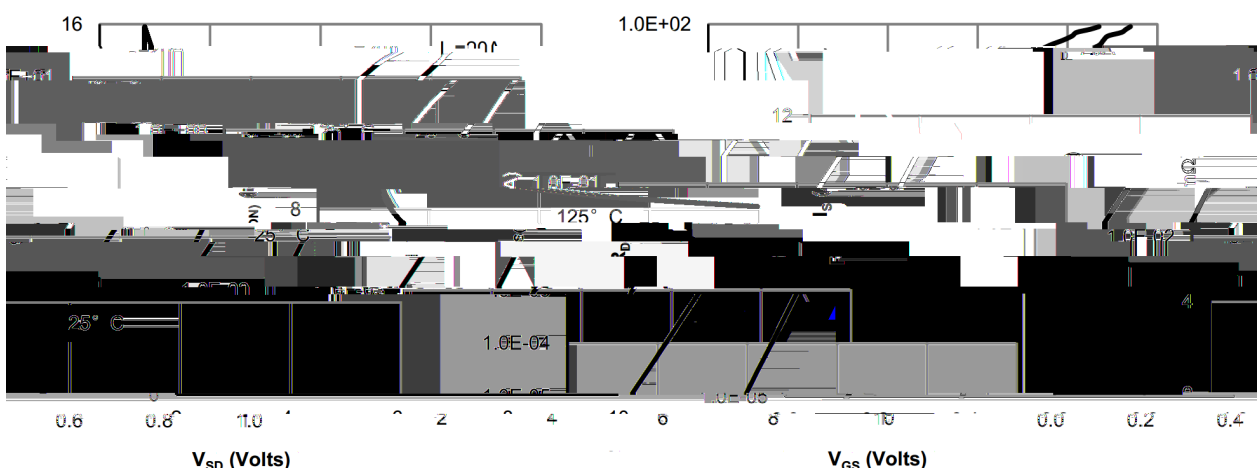
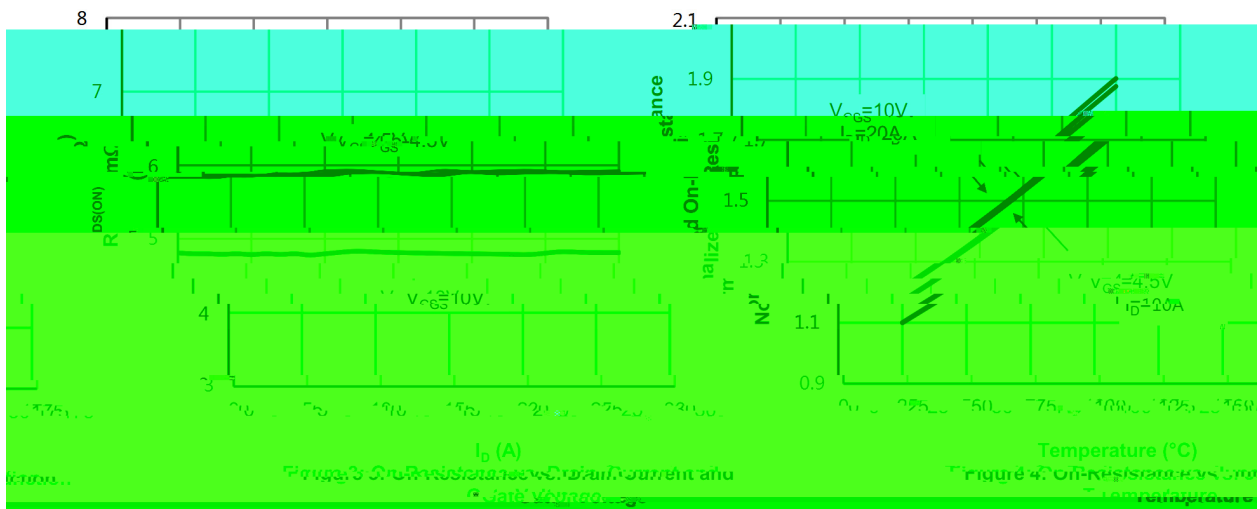
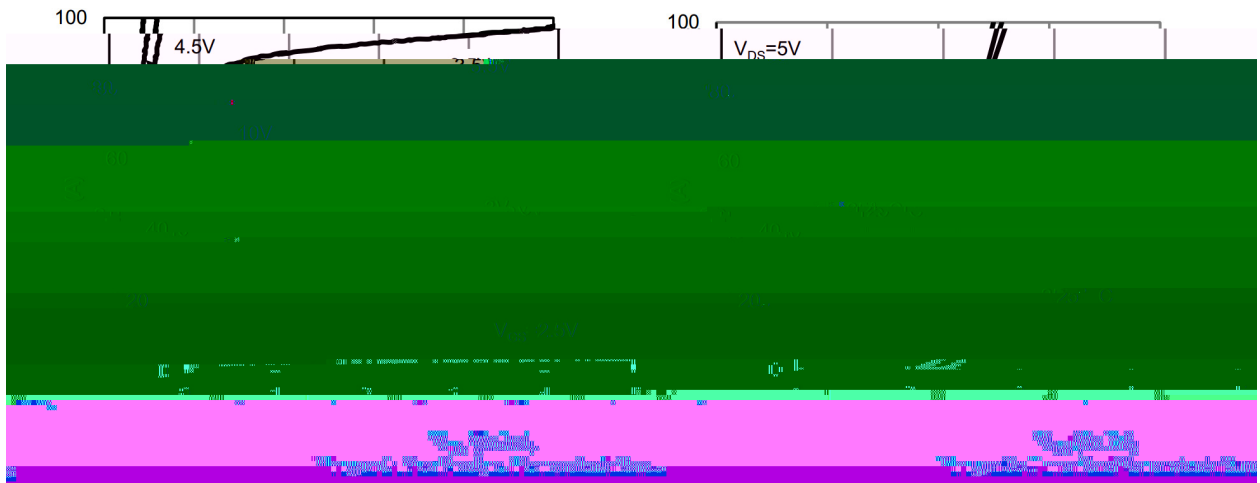
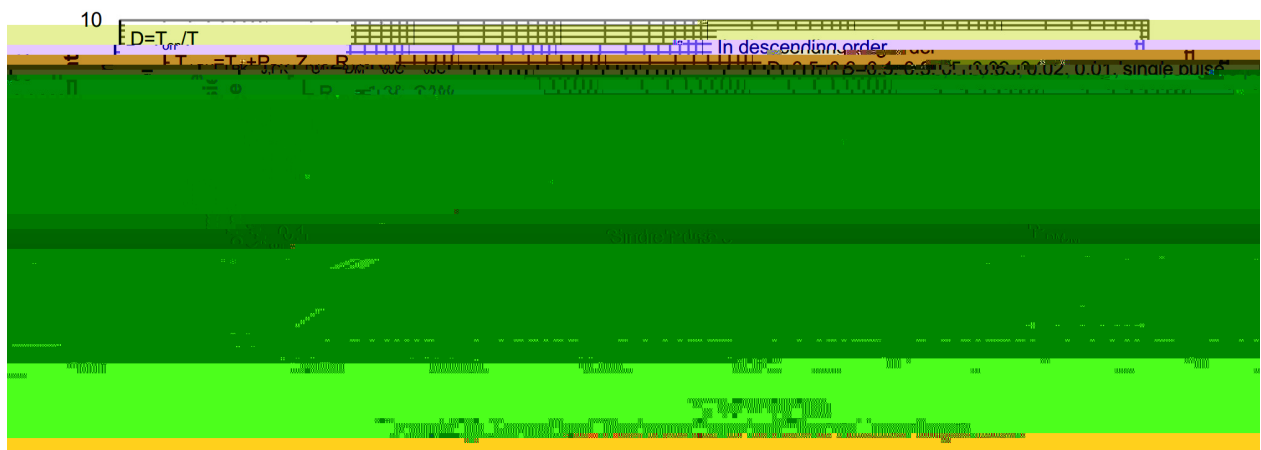
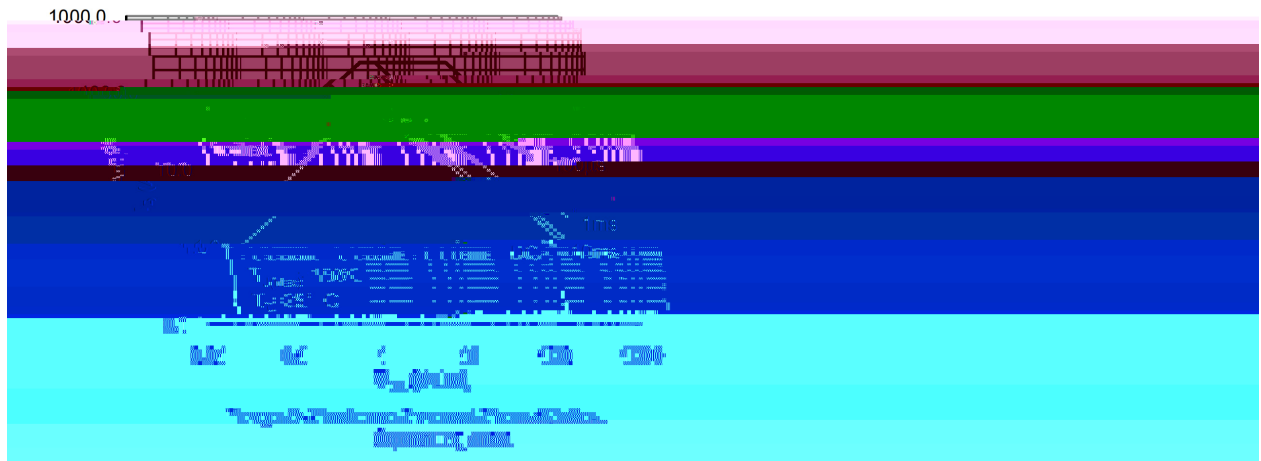
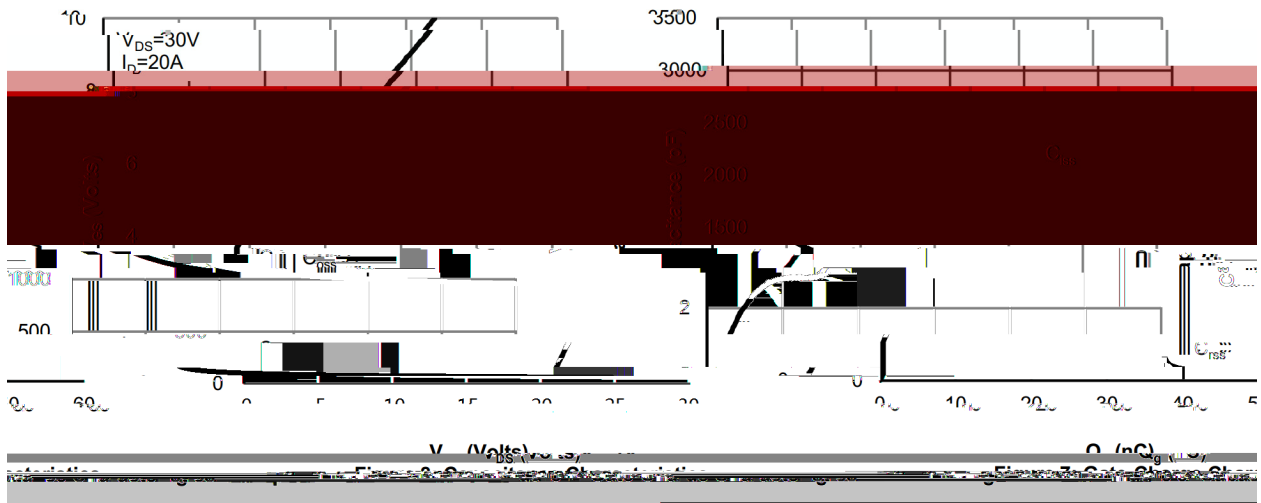


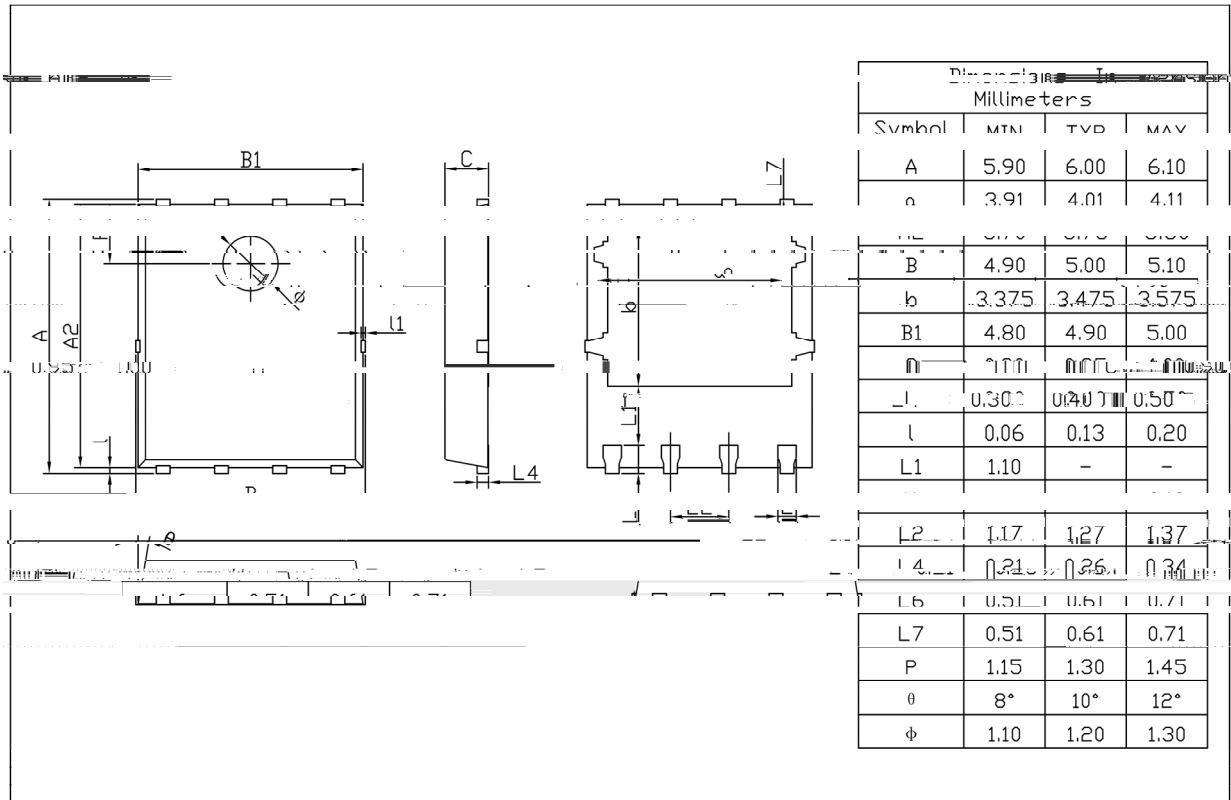
Figure 6: Body Diode Characteristics

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

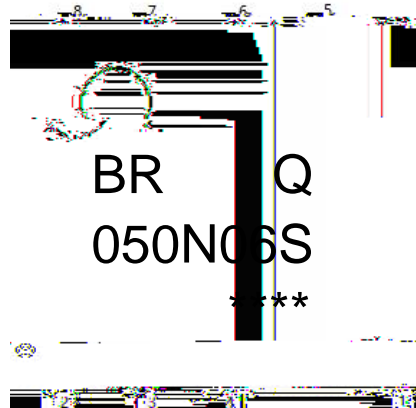


PDFN5 X6

Unit:mm



Rev.01 202209



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

Temperature Profile for IR Reflow Soldering(Pb-Free)

