A	2020.12.20	All	AOS-AONS36302		

n v v ضذ ´

# $ Parameter	% & Symbol	$ ' Rating	( ) Unit
Drain-Source Voltage	V_{DS}	30	V

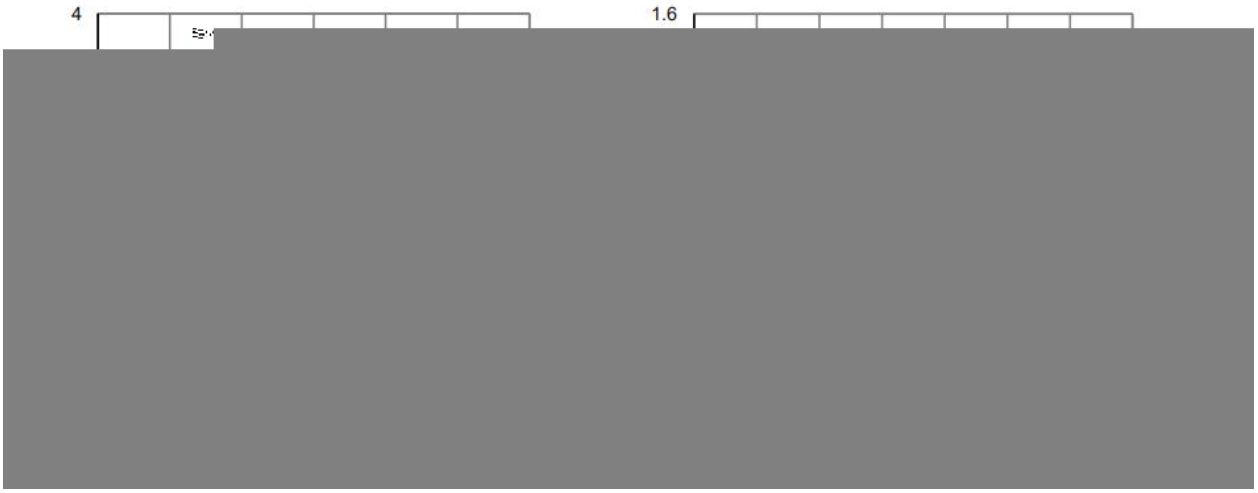
Drain

/ Electrical Characteristics(Ta=25)

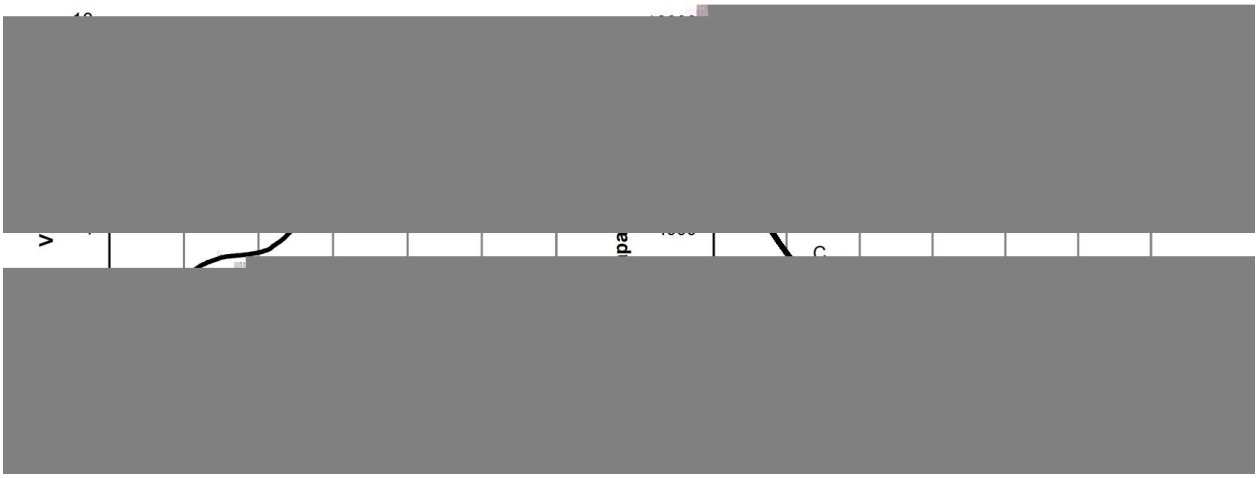
# $ Parameter	% & Symbol	* + , - Test Conditions	. / ' Min	0 1 ' Typ	. 2 ' Max	( ) Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=10V V_{DS}=15V R_L=0.75 Ω R_{GEN}=3 Ω		12.5		ns
Turn-On Rise Time	t_r			6.0		
Turn-Off Delay Time	$t_{d(off)}$			47		
Turn-Off Fall Time	t_f			10.5		

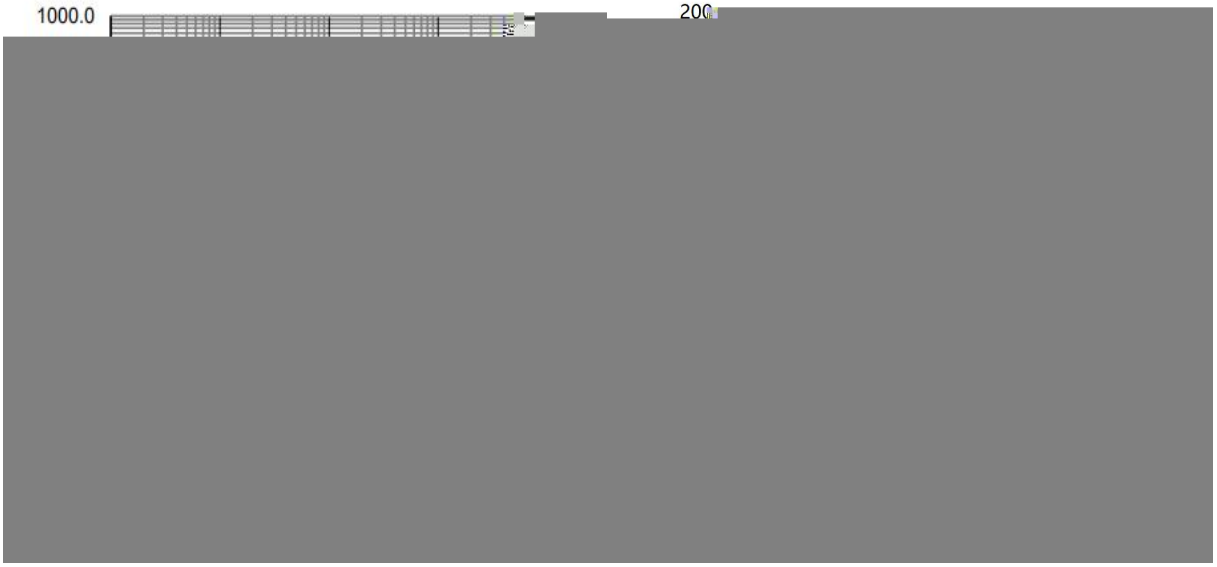
/ Electrical Characteristic Curve

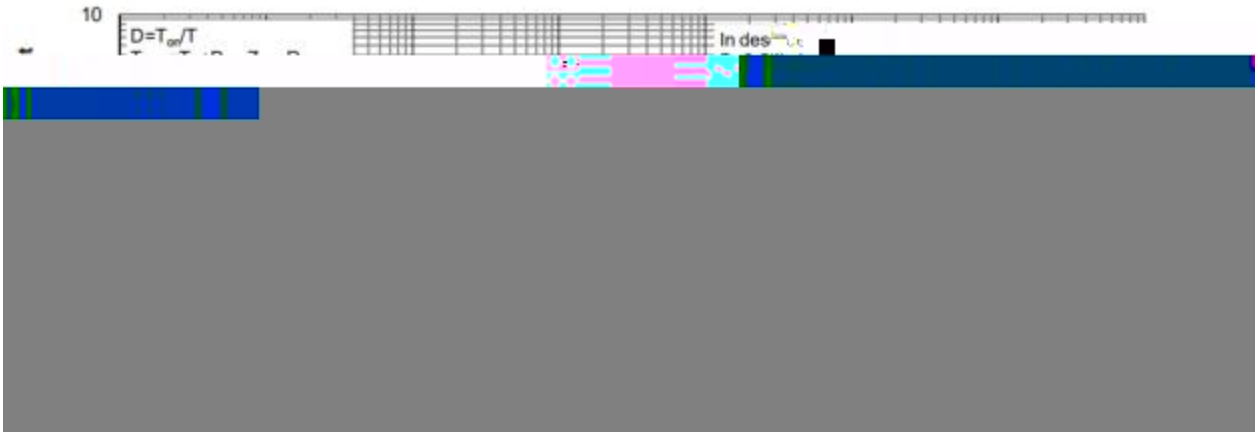




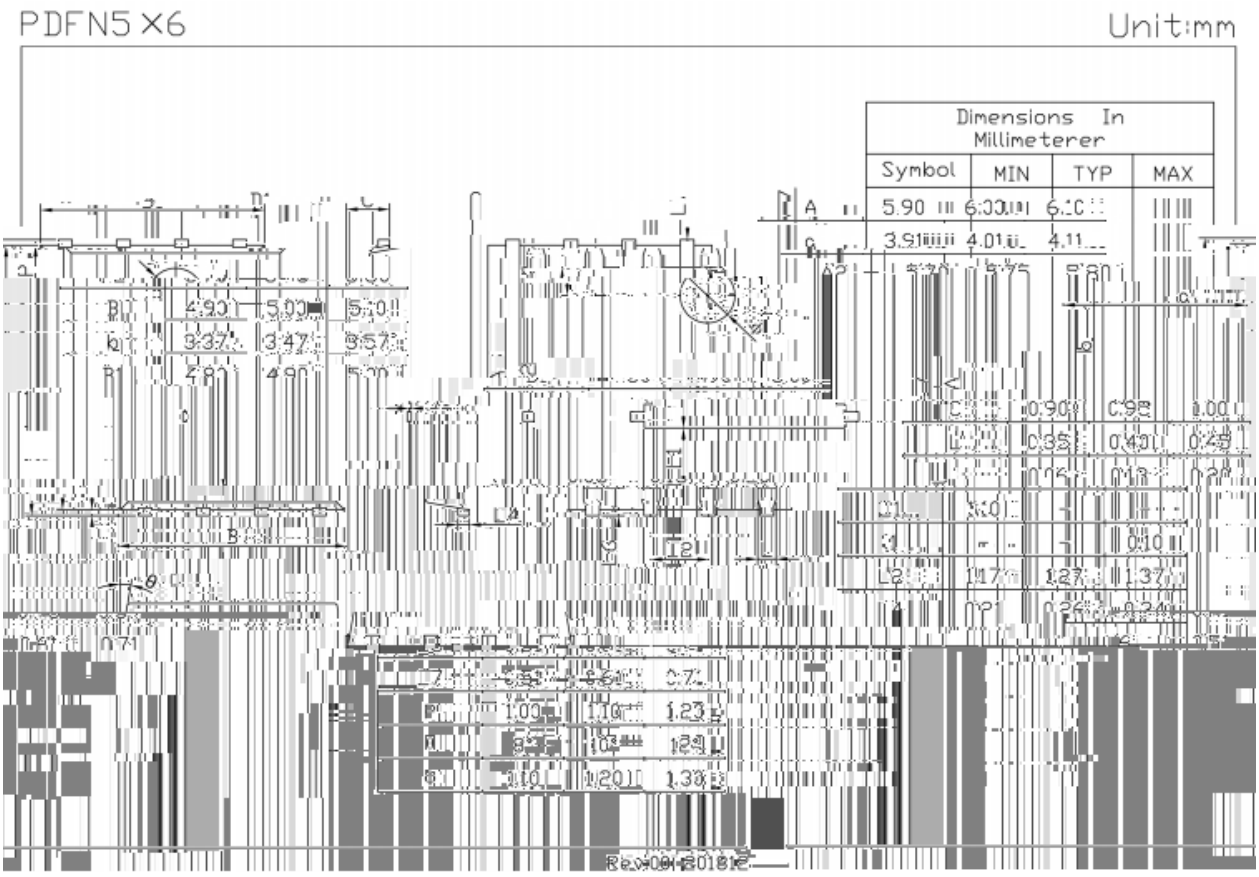
/ Electrical Characteristic Curve



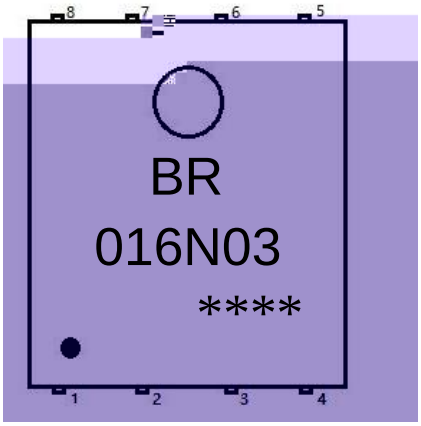




/ Package Dimensions



/ Marking Instructions



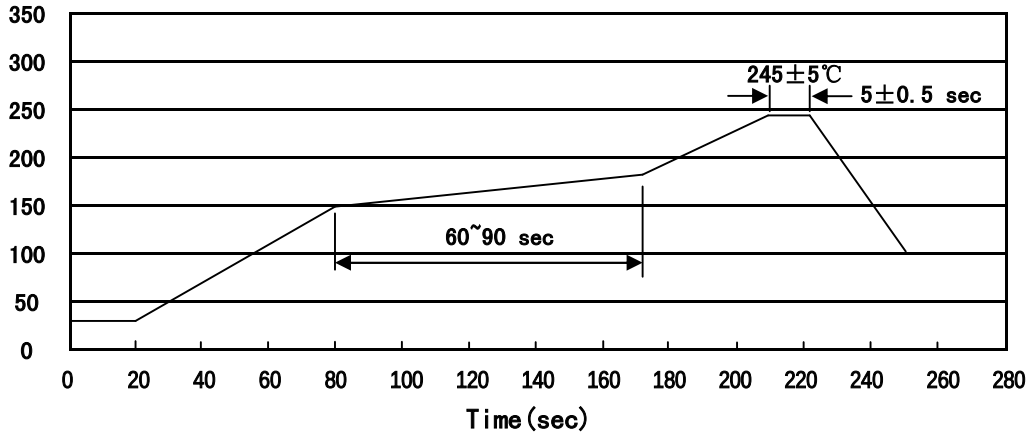
! " 3

BR 3	4 5 6 7 8
016N03 3	4 1 & 7 8
**** 3	4 9 : ; & 7 8 < = 9 : ; & > ?

Note:

BR:	Company Code.
016N03:	Product Type Code.
****:	Lot No. Code, code change with Lot No.

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



1	150	180		60	90sec;	1.Preheating:150~180℃, Time:60~90sec.
2	245±5				5±0.5sec;	2.Peak Temp.:245±5℃, Duration:5±0.5sec.
3			2	10℃/sec.		3. Cooling Speed: 2~10℃/sec.

Note:

/ Resistance to Soldering Heat Test Conditions

260±5℃ 10±1 sec. Temp.:260±5℃ Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box 盒	Outer Box 箱
PDFN5 × 6	5000	2	10000	6	60000	13" × 12	360 × 360 × 50	380 × 335 × 366

/ Notices