



描述 / Descriptions

BRCO2600Series CMOS

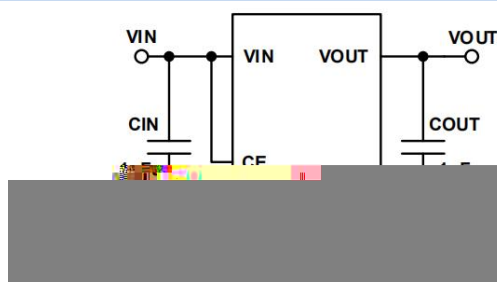
特征 / Features

- ◆ 40uVrms 10Hz~100kHz
- ◆ 150mV@150mA
- ◆ 50uA
- ◆ 300mA
- ◆ 75dB@1kHz
- ◆
- ◆
- ◆ 2.0V~6.0V
- ◆ 1.2V~5.0V
- ◆ $\pm 2\%$
- ◆
- ◆ SOT23-3/SOT23-5/SOT-89/DFN1*1-4L

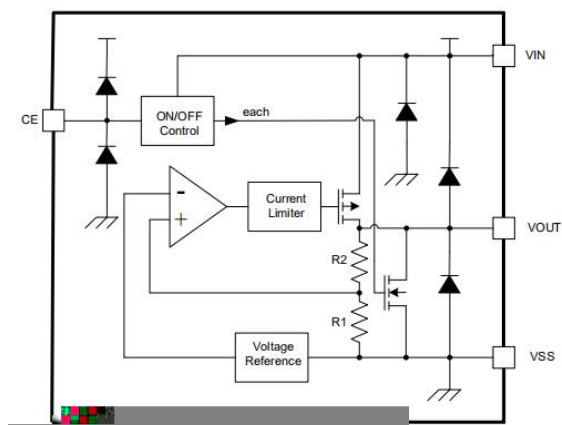
用途 / Applications

- ◆
- ◆
- ◆
- ◆
- ◆

典型应用电路图 / Typical Application

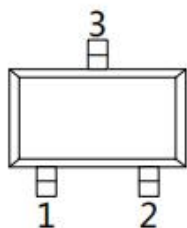


功能框图 / Functionl Block Diagram

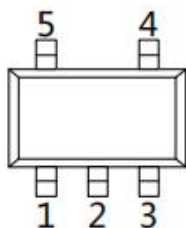




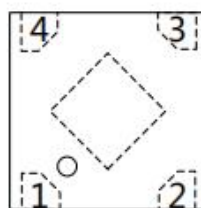
引脚排列 / Pinning



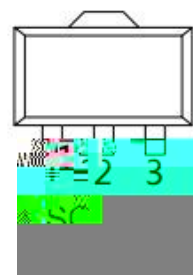
SOT23-3



SOT23-5



DFN1*1-4L



SOT23-3	SOT23-5	DFN1*1-4L	SOT-89		
1	2	2	1	VSS	
3	1	4	2	VIN	
2	5	1	3	VOOUT	
-	3	3	-	CE	
-	4	-	-	NC	

型号 / Part Number

BRCO2600①-②							
①	MC	SOT23-3	ME	SOT23-5	TA	SOT-89	ZN DFN1*1-4L
②	1.2	1.2V					

极限参数 / Absolute Maximum Ratings(Ta=25°C)

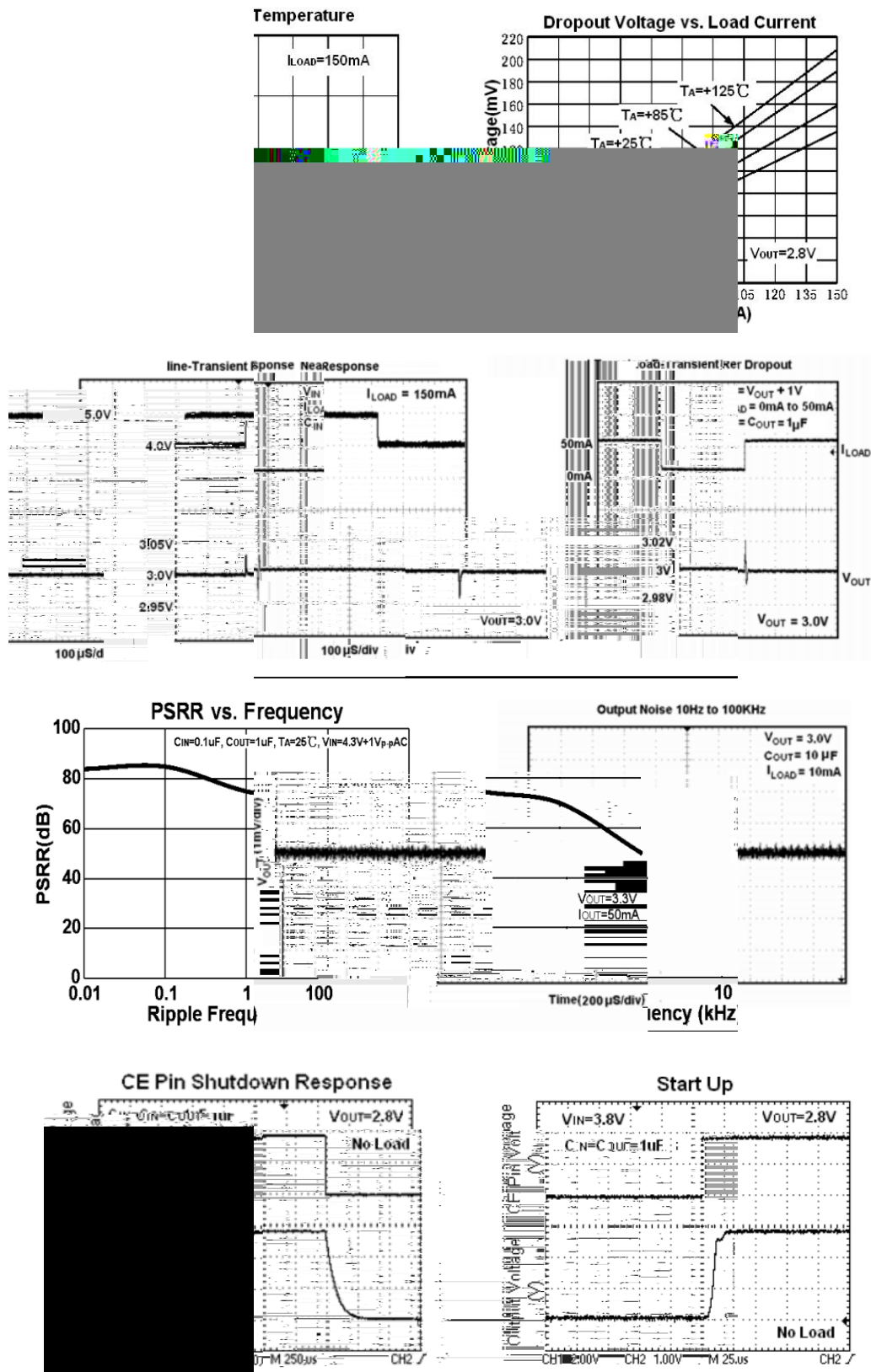
	V_{IN}	-0.3 to 7	V
	V_{OUT}	-0.3 to ($V_{IN}+0.3$)	V
	I_{OUT}	600	mA
	P_D	0.5 (SOT-89) 0.4 (SOT23-3) 0.4 (SOT23-5) 0.4 (DFN1*1-4L)	W
	T_{stg}	-65 to +150	°C
	T_A	-40 to +85	°C
10s	T_{sold}	260	°C



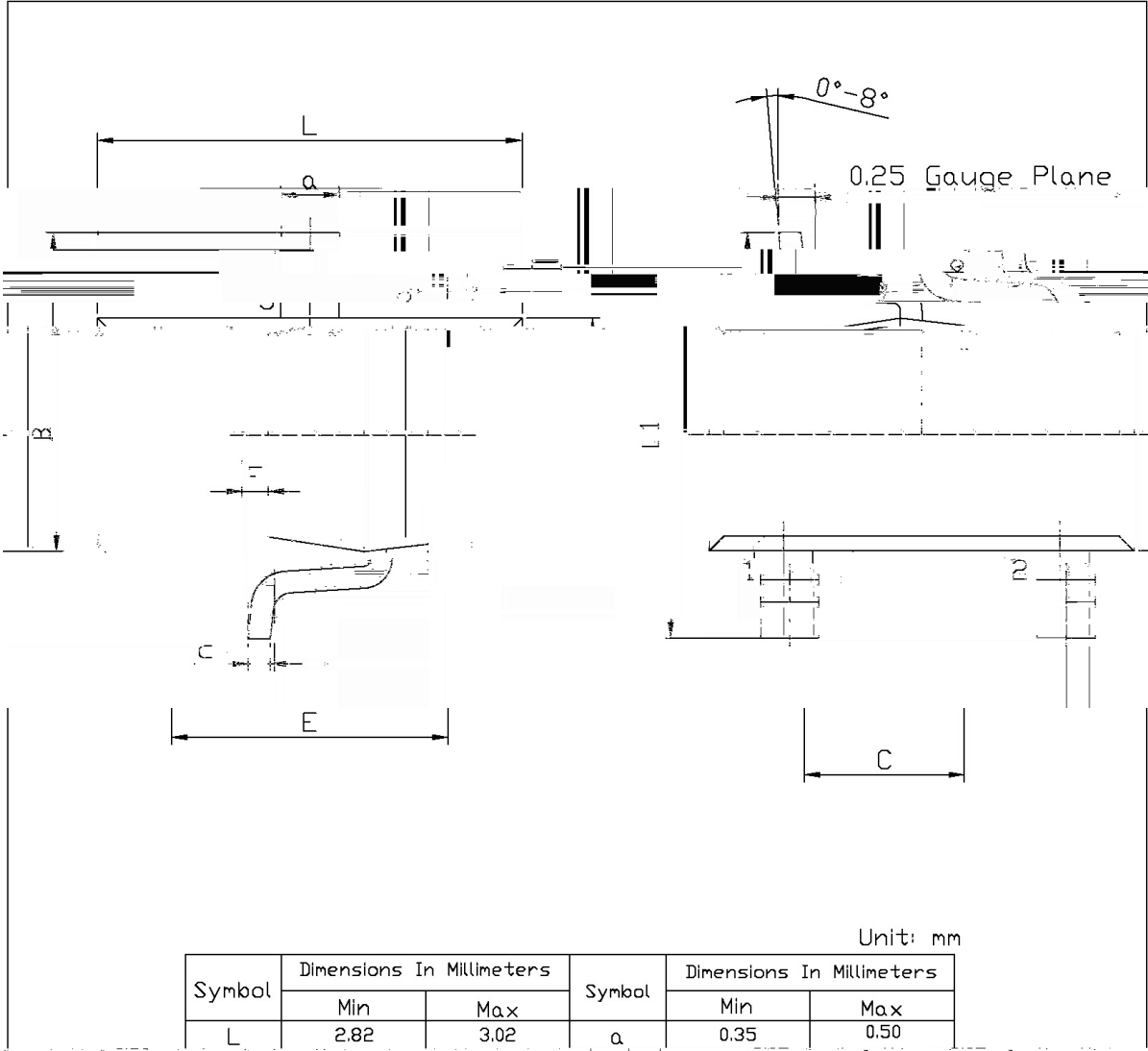
参数	符号	测试条件	最小值	典型值	最大值	单位
输入电压	V_{IN}		2.0		6.0	V
输出电压 ⁽¹⁾	$V_{OUT(E)}$	$I_{OUT}=1mA$	V_{OUT}			



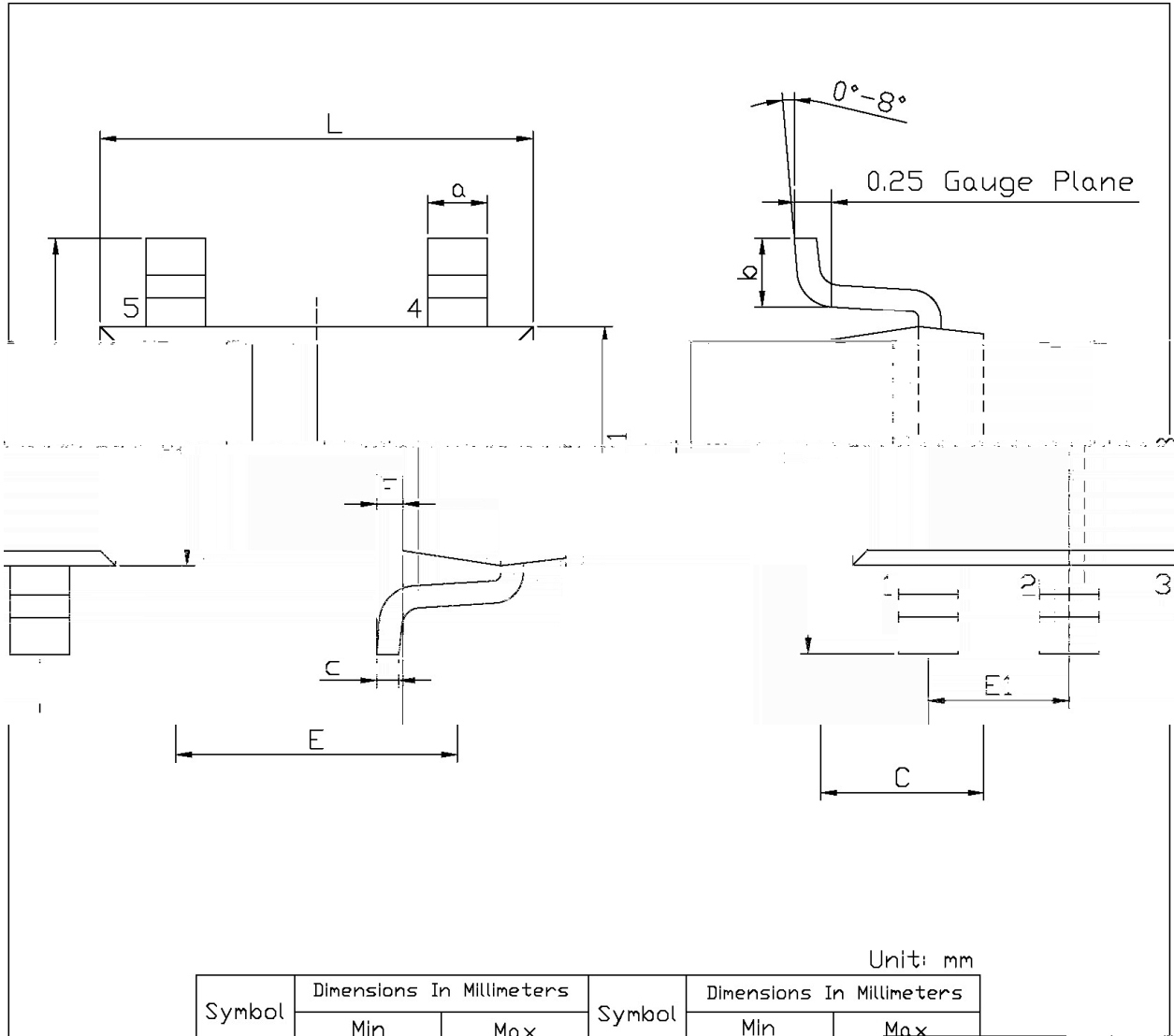
电参数曲线图 / Electrical Characteristic Curve



外形尺寸图 / Package Dimensions



外形尺寸图 / Package Dimensions

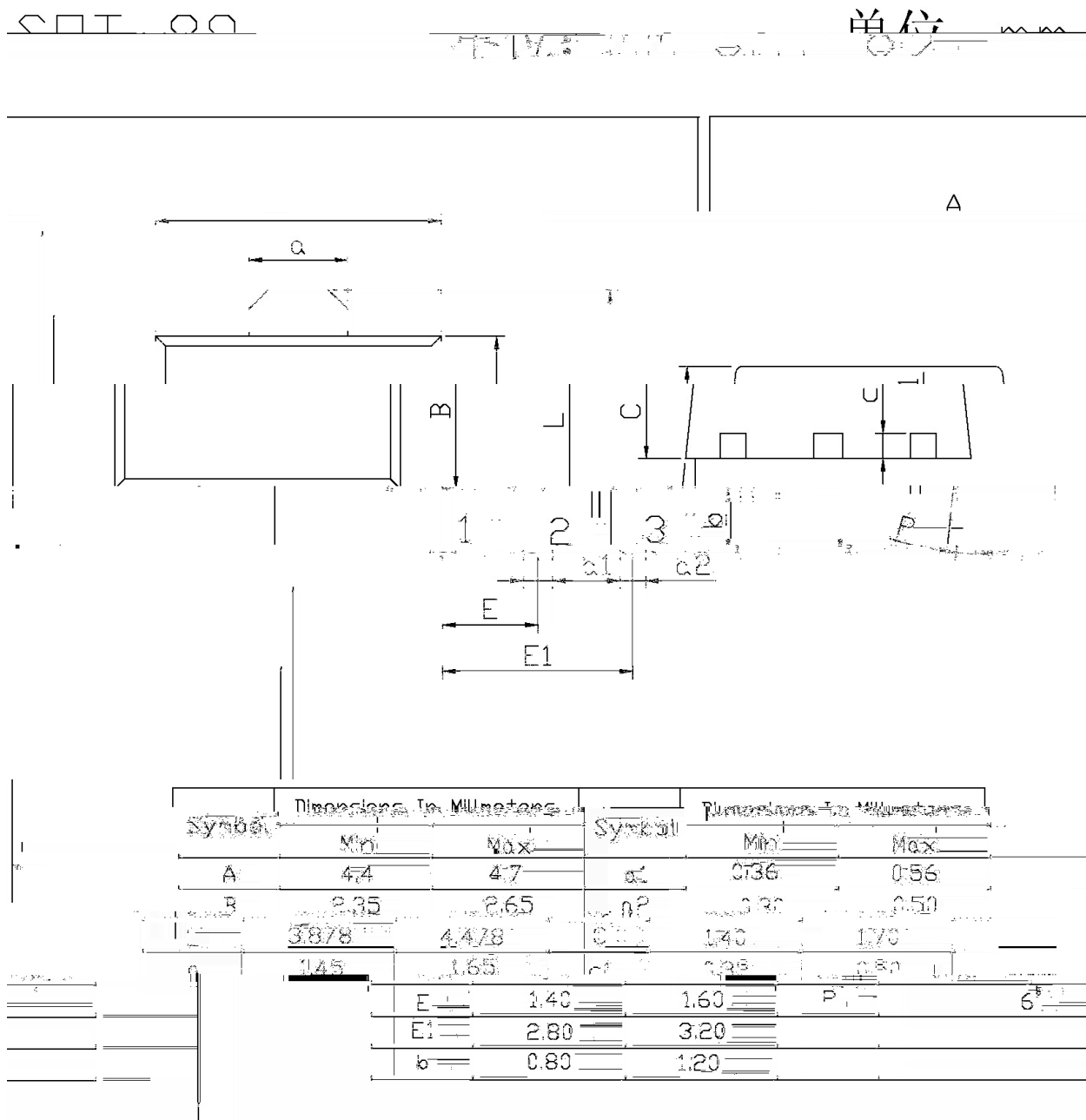


Unit: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
a	0.35	0.50	b	1.50	1.70
c	0.10	0.20	c	0.90	1.30



外形尺寸图 / Package Dimensions



BRCO2600Series

Rev.A May.-2020



DATA SHEET

外形尺寸图 / Package Dimensions

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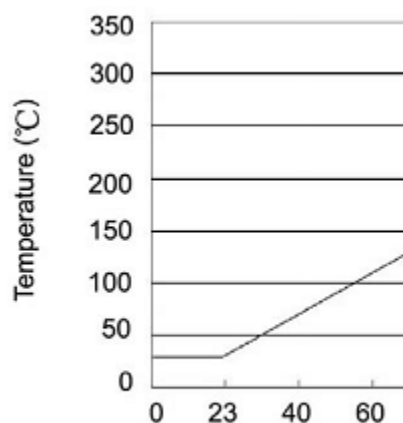
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BRCO2600Series

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回流焊温度曲线图(无铅) / Temperature Profile for IR Reflow Soldering(



Note:

- | | | | | | |
|---|-----|-----|----|---------|------------------------|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , |
| 2 | 245 | 5 | 5 | 0.5sec; | 2.Peak Temp.:245 5 , |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 |

耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

260 5 10 1 sec. Temp.:260 5

包装规格 / Packaging SPEC.

/ REEL

Package Type 封装形式			
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Ur
SOT23-3/5	3,000	10	

Package Type 封装形式			
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	U
SOT-89	1,000	7	

Package Type			
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Uni
DFN1*1-4L/6L	10,000	10	1

使用说明 / Notices