/ Revised record

A	2022-7-18	All	All		

BRCO7333MC

Rev.A Jul.-

Parameter	Symbol	Rating	Unit
Working Voltage	V_{IN}	-0.3~+20	V
Thermal Resistance	$R_{\theta JA}$	500	℃/W
Power Consumption	P_D	200	mW
Storage Temperature	T_{STG}	-50~+125	℃
Working Temperature	T_A	-40~+85	℃

/ Typical Application Circuit

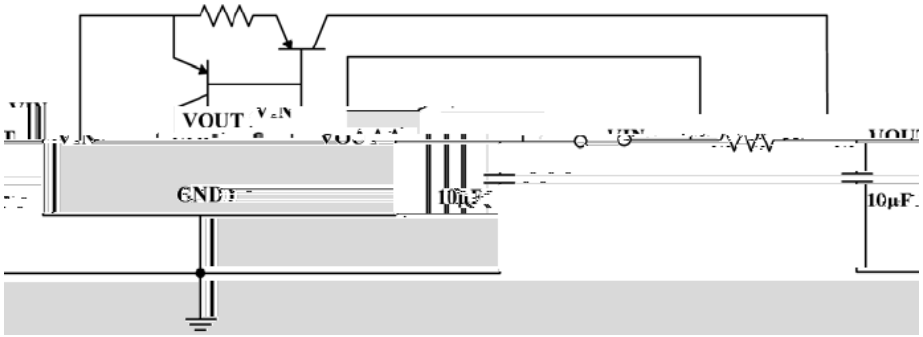
/ Basic Application



/ High Output Current Voltage Regulator

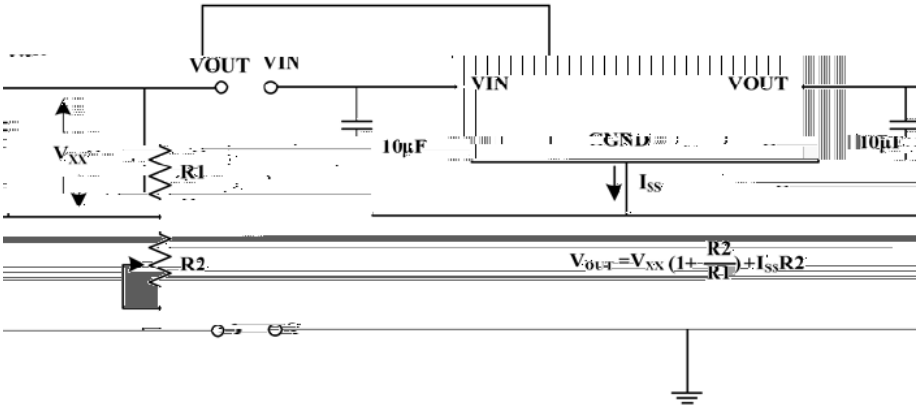


/ Short-Circuit Protection

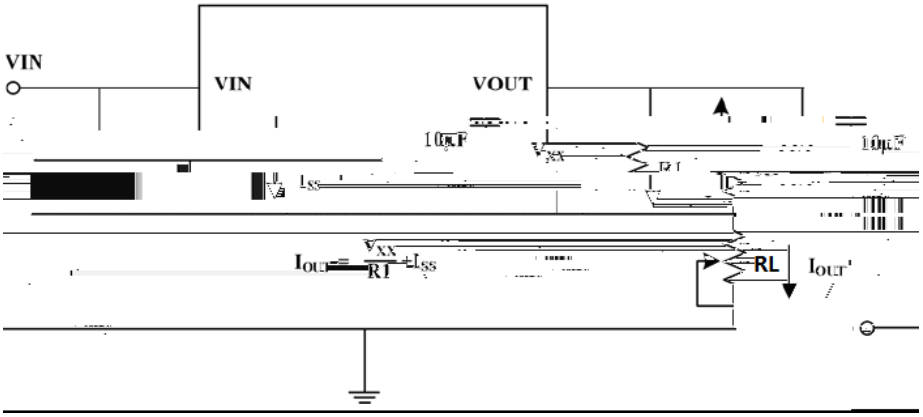


/ Typical Application Circuit

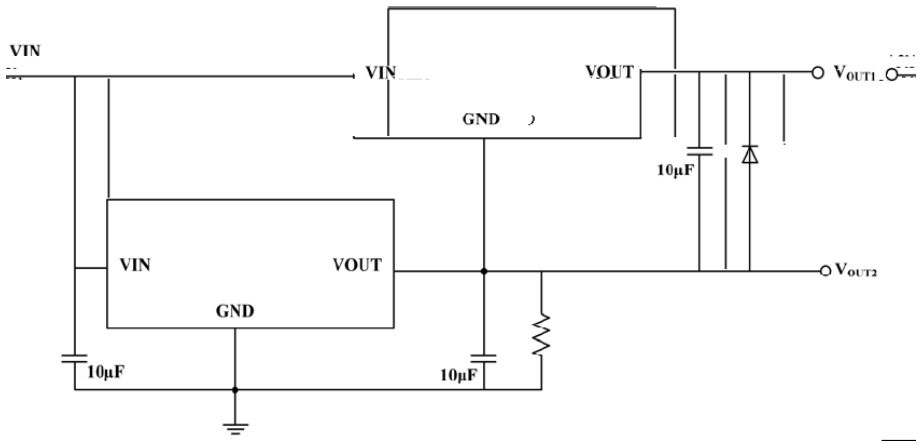
/ Circuit for Increasing Output Voltage



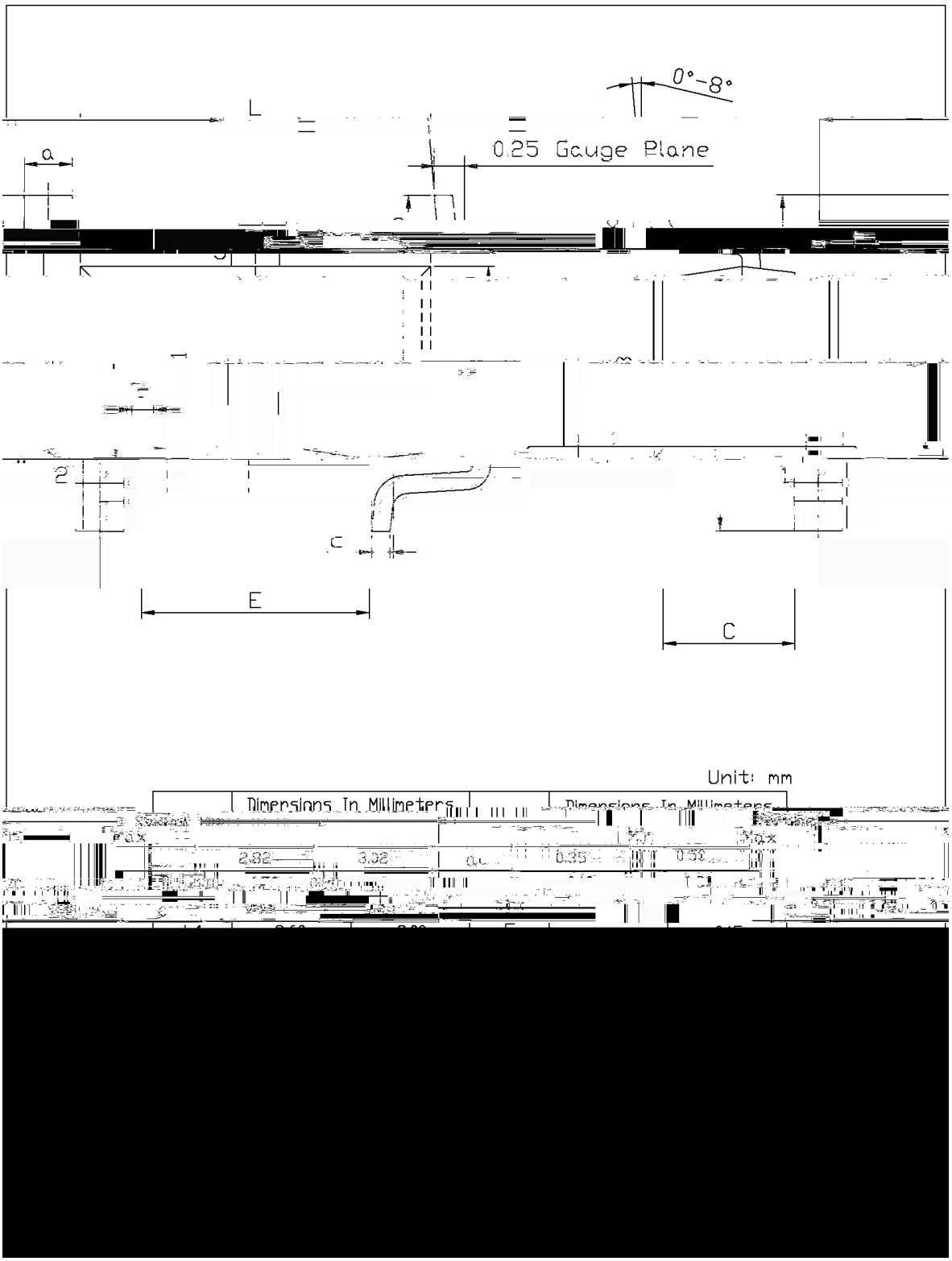
/ Constant Current Regulator



/ Double Output Circuit



/ Package Dimensions



( ) /

				Note:
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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension		(unit mm^3)
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOT23-3	3,000	10	30,000	4	120,000	7″ ×8	210×205×205	445×230×235