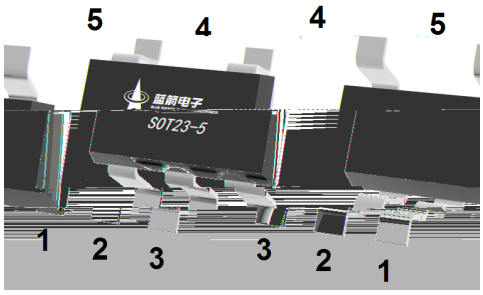
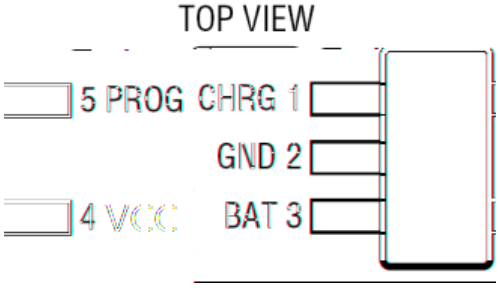
BRCL4058PME-4.2

/ Pinning





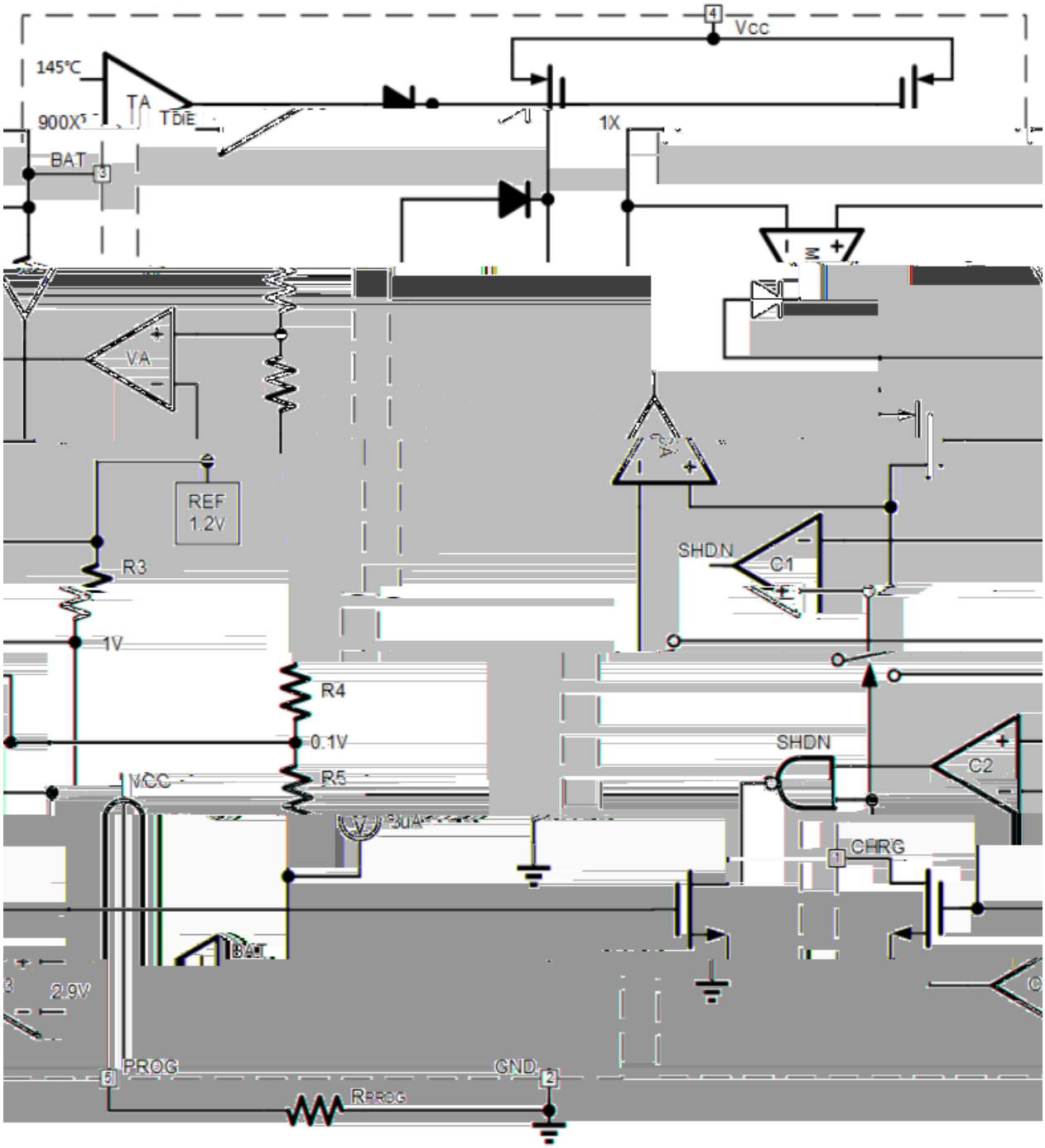
PIN Num.	Symbol	Function
	PROG	

/ Absolute Maximum Ratings(Ta=25)

PARAMETER	SYMBOL	RATINGS	UNITS
			W
	$R_{\theta JA}$		

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
						μ
						μ
						μ
						μ
		≤ ≤				
						μ
						μ
						μ

/ Principle block diagram



/ Function description

◆

±

◆

◆

R_{PROG}

Ω	
3.00	305
2.32	400
2.05	450
1.91	485
1.80	520
1.58	590

/ Function description

◆

μ

BAT PROG 1/10

100mV 1.8ms t_{TERM}

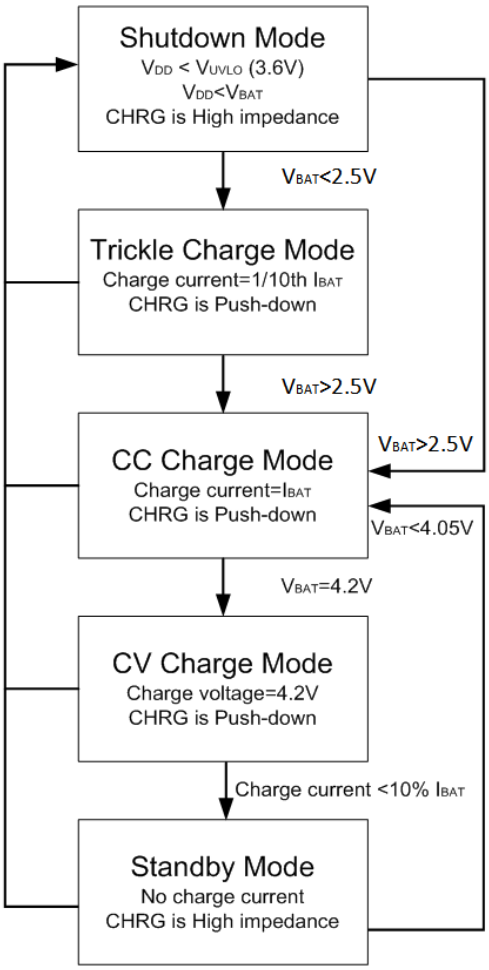
1/10 BRCL4058PME-4.2

BAT BAT

BRCL4058PME-4.2 BAT 4.05V

V_{RECHRG}

PROG



◆

BRCL4058PME-4.2 CHRG BRCL4058PME-4.2

CHRG CHRG CHRG

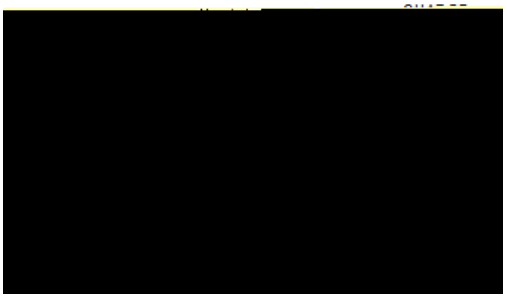
BAT 10µF LED LED 1-4

µ ƒ i / ﻫ

/ Function description

◆

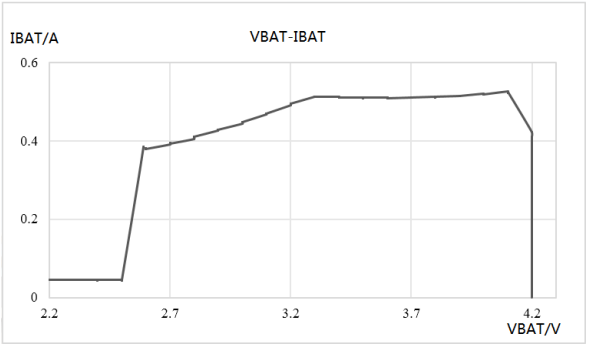
$$\leq \frac{\qquad\qquad}{\pi \cdot \quad \cdot}$$



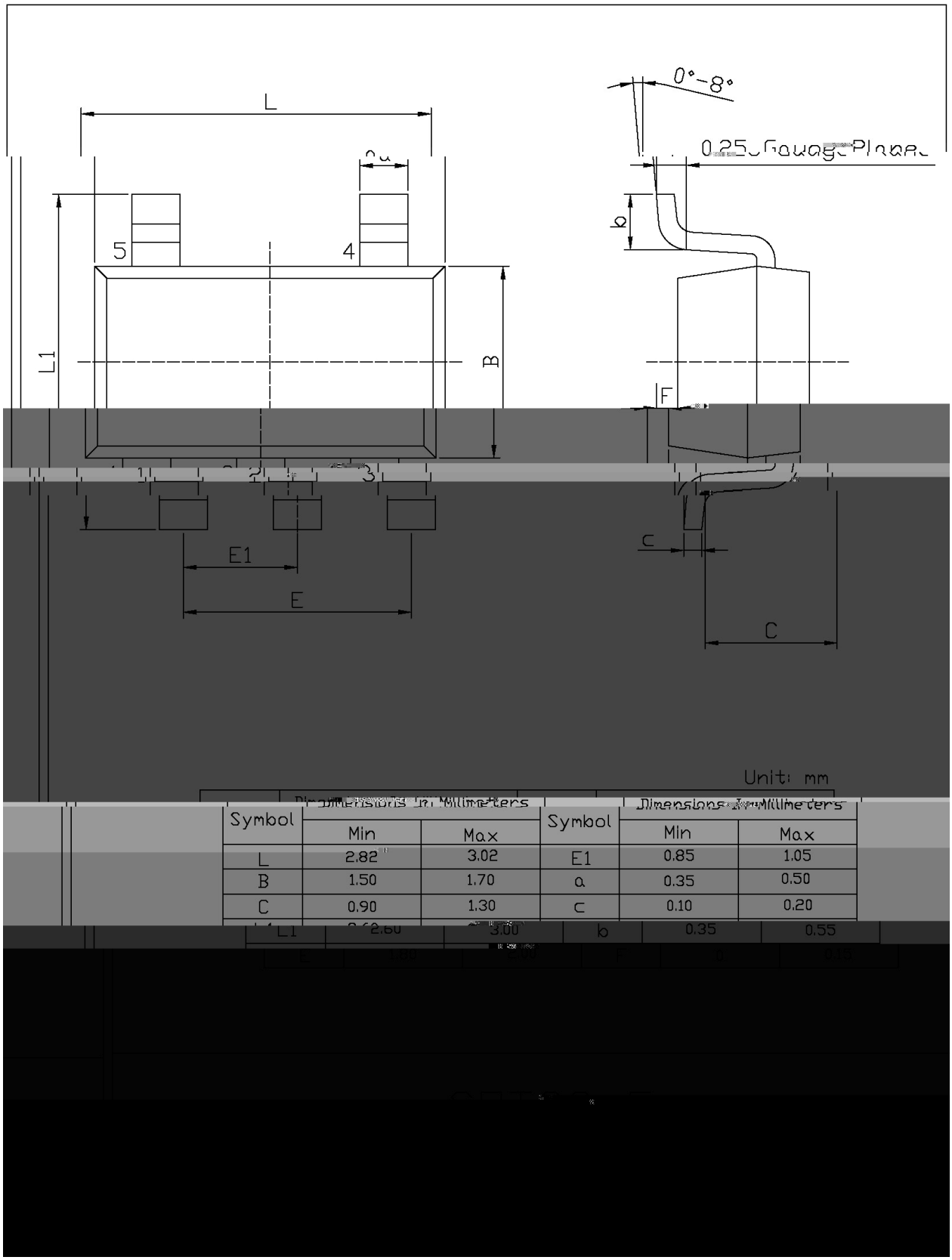
◆

$T_J=P_D \times \theta_{JA} + T_A$

◆



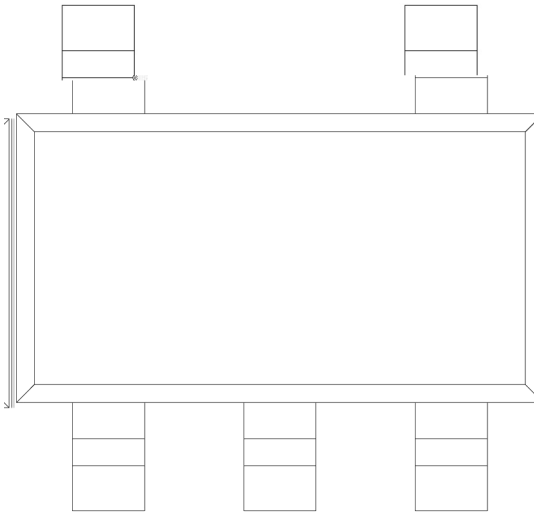
/ Package Dimensions



Unit: mm

Symbol	Dimensions in Millimeters		Symbol	Dimensions in Millimeters	
	Min	Max		Min	Max
L	2.82	3.02	E1	0.85	1.05
B	1.50	1.70	a	0.35	0.50
C	0.90	1.30	c	0.10	0.20
L1	2.60	3.00	b	0.35	0.55

/ Marking Instructions



4058P-42

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

± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.