

/ Features

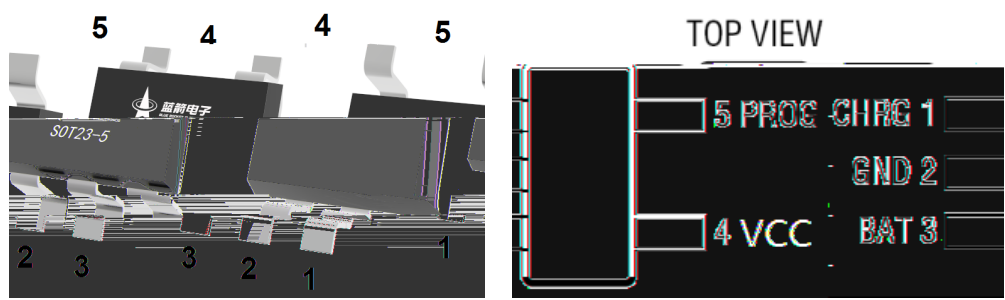
-

 μ

◆◆◆◆

PDA	MP3
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

/ Pinning



PIN Num.	Symbol	Function
	PROG	

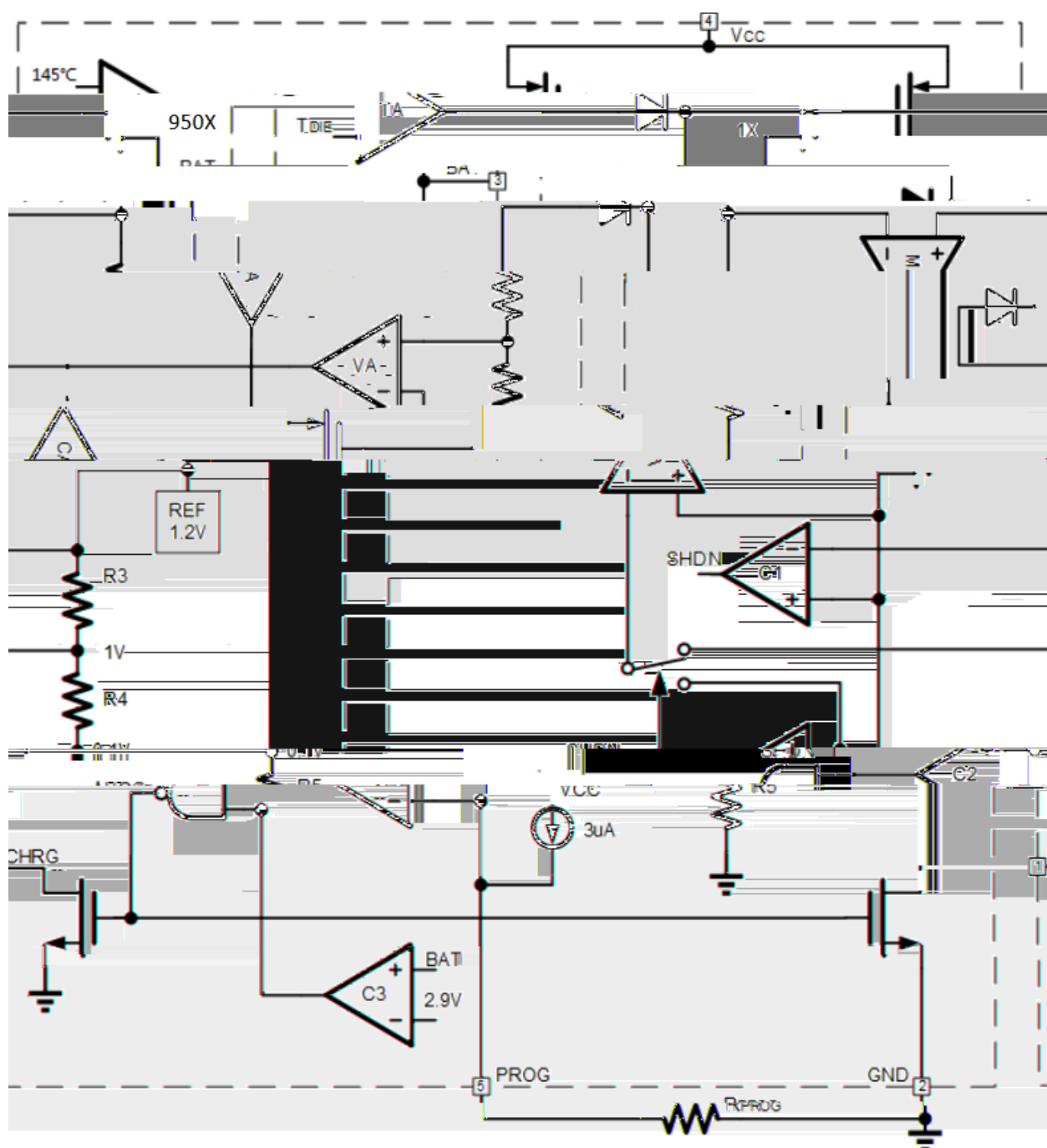
/ Absolute Maximum Ratings(Ta=25)

PARAMETER	SYMBOL	RATINGS	UNITS
			W
	R _{θJA}		

/ Electrical Characteristics(V_{IN}=5V, V_{BAT}=3.6V, Ta=25 , unless otherwise specified)

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

/ Principle block diagram



/ Function description

◆

±

◆

◆

/ Function description



BAT
100mV

1.8ms

PROG
 t_{TERM}
1/10

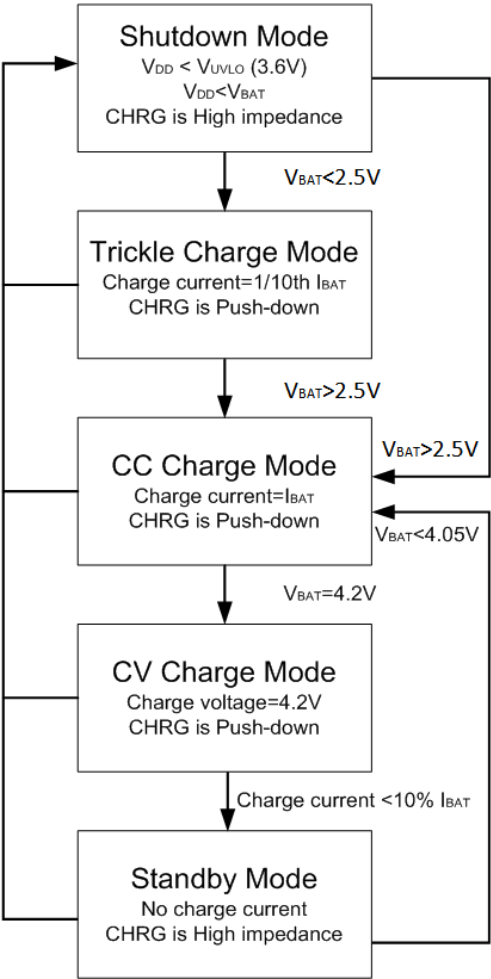
BRCL4079ME-4.2

BAT
4.05V

BRCL4079ME-4.2

V_{RECHRG}

PROG



/ Function description

CHRG

LED 1-4

○

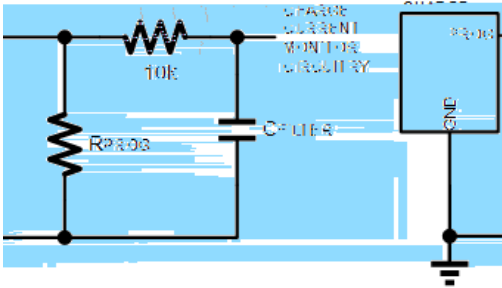
UVLO

7 / 11

/ Function description

◆

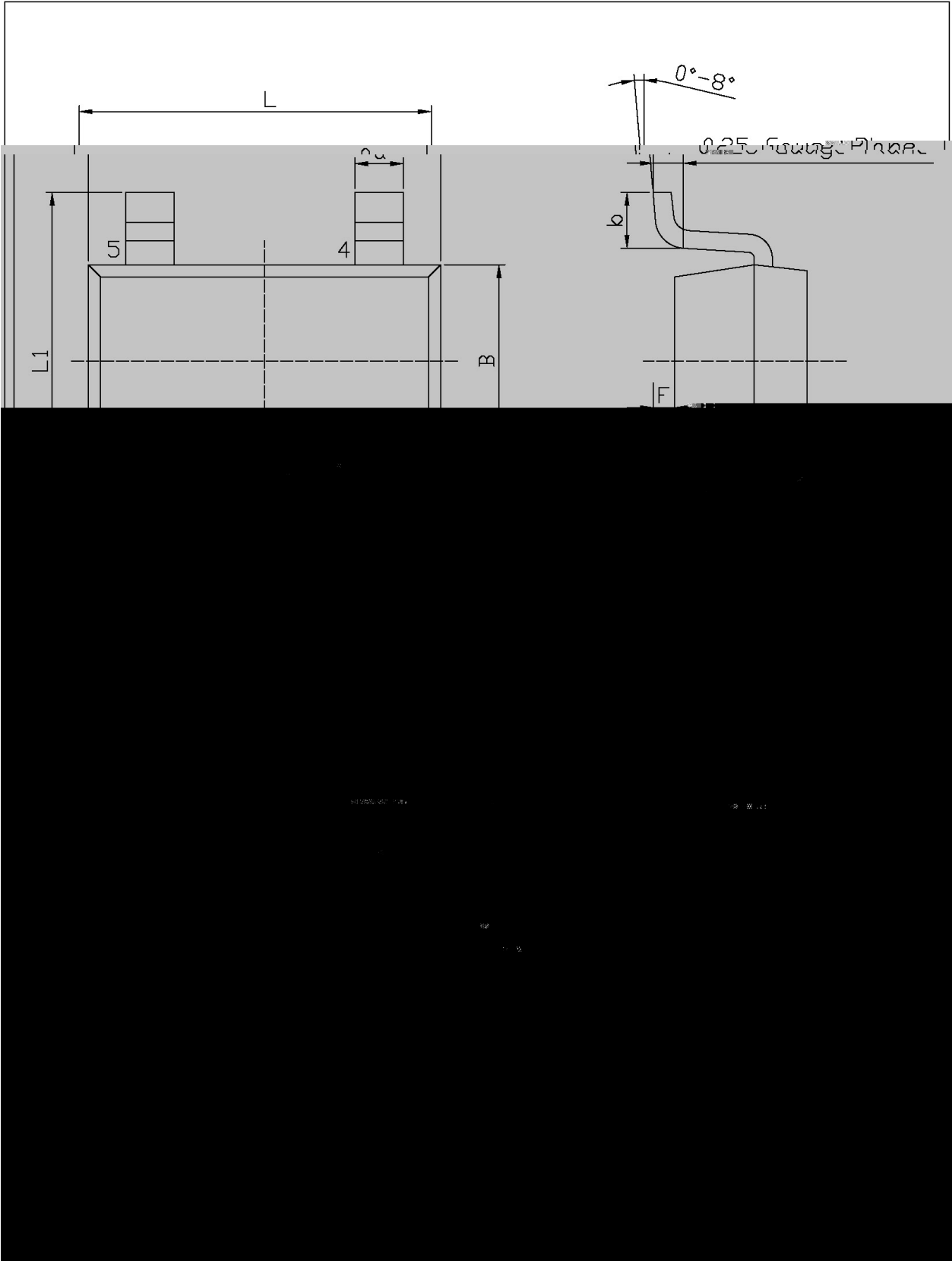
$$\leq \frac{\quad}{\pi \cdot \quad}$$



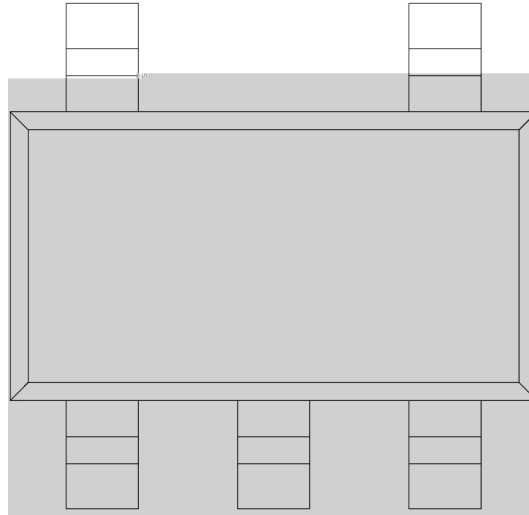
◆

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

/ Package Dimensions

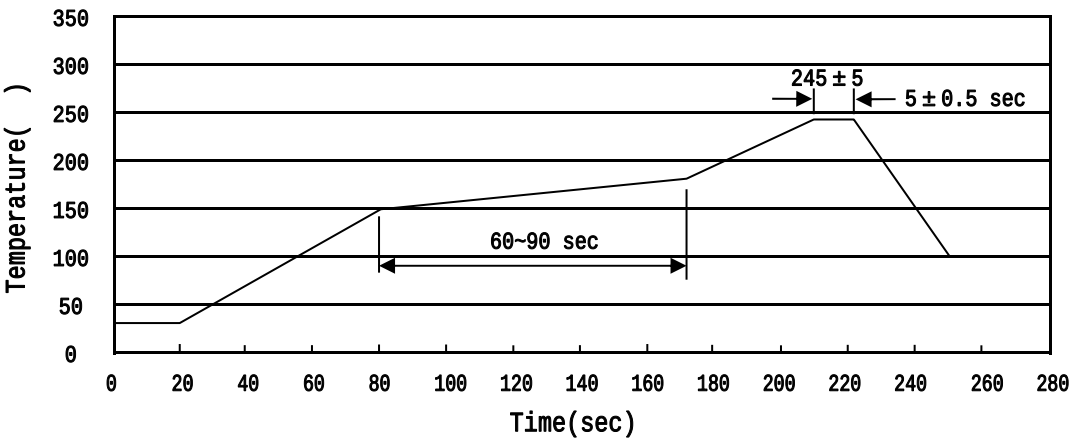


/ Marking Instructions



4079-42

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

/ Notices