

**BRCL3130ME**

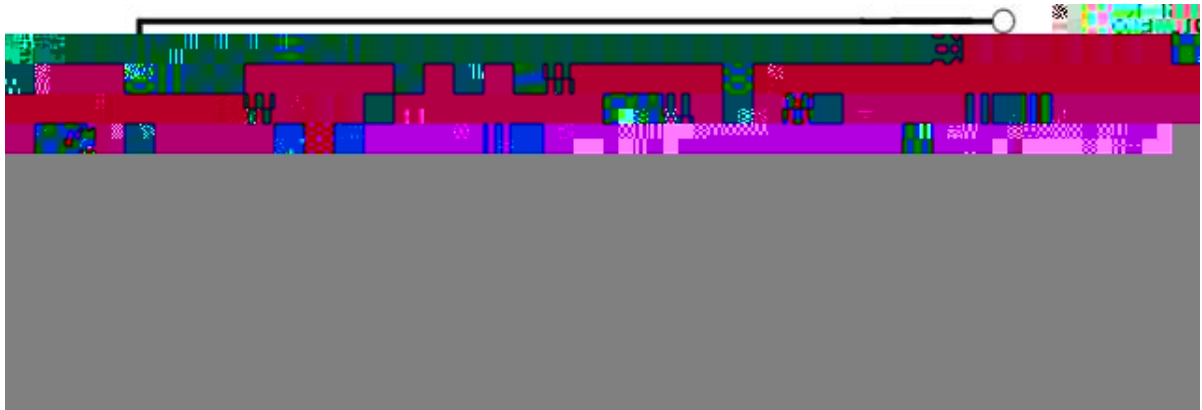
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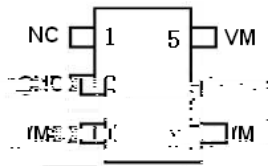
**DATA SHEET**

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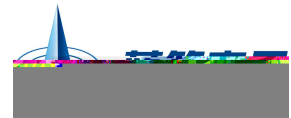


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/ Functional Block Diagram

/ Functional Description

BRCL3130ME: Ž ž \$ Ž 7; Ž U 5 \ 1 S ° » † Ž I o € , 5 " # ° ~ Ł † Ž . Ž ž d ¼½f S † Ž 7 5 S T Ž 7 5 S † Ž U 5 S T Ž U ¾¿ V : WÀ Á i Â Ã - Ä Å Æ Ç Ž : È ° - MOSFETÉ wÉ 5 Wy Ž Ě μ ¶ ± f 50m - R

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/ Normal Operating mode

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**BRCL3130ME**

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**DATA SHEET**

**/ Overcharge Condition**



**/ Overdischarge Condition**

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= P á TDLæo ê p 5



**/ Abnormal Charge Current Detection**

† A † Ž = 5 Ì Í VMŽ 7 Ĩ † Ž 8 9 Ž 7 ¾â (VCHA)5 \ ] ç è = P { S S † Ž U 8 9 < = = P  
(TCU)5 BRCL3130MEë ° † Ž FETì í † Ž - E s À Á § f Ò A † Ž Ž U 8 9 -  
° » † Ž I 5 VM; GND P Ž 7 %N † Ž I 8 9 Ž 7 (VCHA)= 5 Ò A † Ž Ž U ß à ) ñ - Ü N OVŽ ž  
† Ž 3 [ 1 %N d † A Ž U † Ž 8 9 5 Ž ž Ž 7 a \$ Ž ž † á 2 ö OV† Ž = 5 Ò A † Ž Ž U 8 9  
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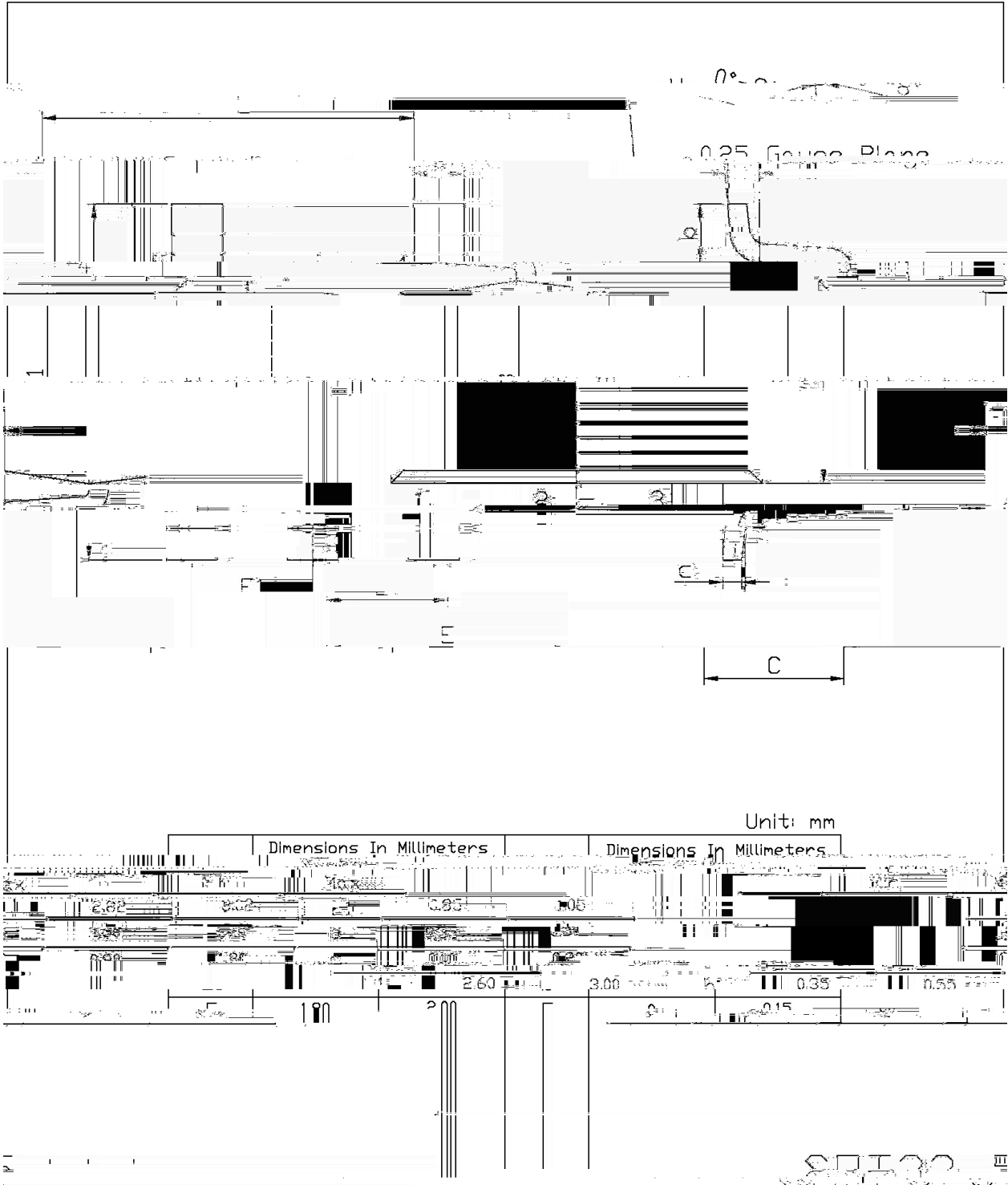
**/ Timing Chart**

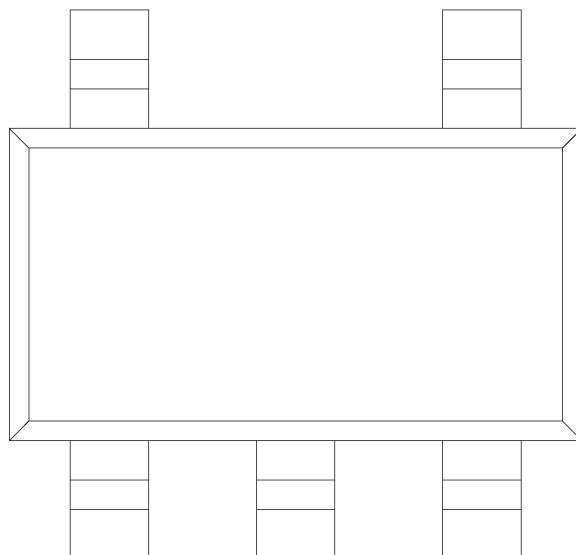
**/Charger Detection**

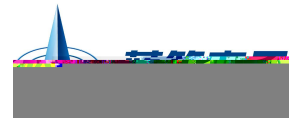
**/Abnormal Charge Detection**



/ Package Dimensions







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

