BRCG5111 SERIES ĩ Ȼ ɔ ʏ ỷ ɻ ớ LED ɨ ʊ ƀ Ɗ ı ڀ ɾ ɒ ɟ Ã " ═ ı EMI ớ ĺ ä ʏ ʃ ʊ ƕ ƞ ɹ ɔ ɣ ǎ Ψ ʁ ʰ ʮ ớ ƒ ţ ı Ƶ Ⱥ ʏ ʃ ⅃ ═ ʅ ɒ ı ă Ң

BRCG5111 SERIES ڀ ɾ ћ ў ⅜ ɔ ╚ í ˙ ћ ´ ў ˙ H ı ɔ ╚ ɻ ỷ ı í ˙ ƥ ±3% Ȣ л ı ˈ ˌ ʊ ф ɔ ۼ ֆ ḧ ı Š Ө ɔ ╚ 60 mA ı ^ ƀ Ɗ Ẋ ĭ Æ ɾ ɯ ɾ ɔ ╚ ژ ˛ ĺ ד

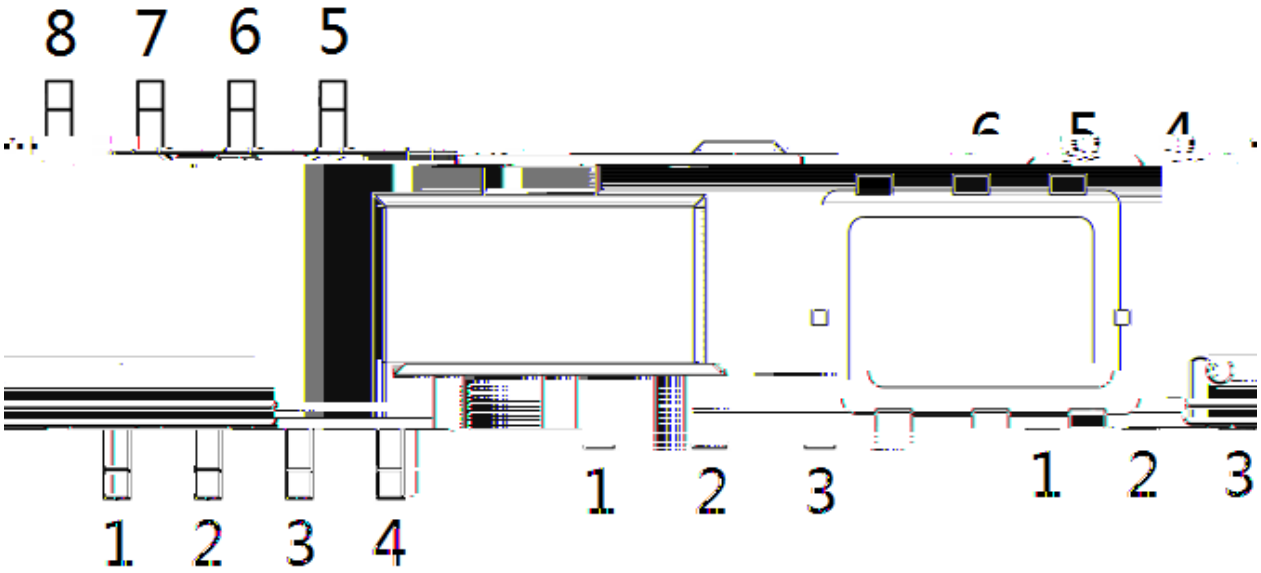
BRCG5111 SERIES л ɻ ص □ ں ɔ ╚ ı ĺ

ʊ ƕ ɔ ث ʅ ɒ ı ƞ ɨ ớ ƒ ţ

л ф ɸ ă ɤ я ᵏ ʊ ɔ ث

LED ژ ˛ ɔ ╚ ı ذ ı ESOP-8ћSOT-89Ṃ Ł ʾ Ḥ ˈ Y ѡ ᶻ Š Ө ɔ ╚ 60 mA

ʾ Ḥ ˈ Y ^ ƀ Ɗ Ẋ ĭ Ȣ ɯ ɾ ɔ ╚ ژ ˛ ĺ ד



Â ő			ᵉ Ч	ı ΐ́
HVRS0;	VRW0;<	SGIQ6Ö5090		
7	1	5	VOUT	ȯ ᴌ ڑ ˛ ч Æ
2	3	3	REXT	ڑ ˛ ɔ ᴌ ֆ ɹ ч Æ
1	2	1	GND	ƀ ᑫ ş
3,4,5,6,8	/	2,4,6	NC	j ف ì

Y

v ̈Ω	↿ N	̈Ω Ө	D Ꮋ

PN ⌋ ˙ ע ˪ ♬ ؘگ ε ESOP-8

v ̈Ω	ϒ N	⊪ :ǂ ϯ	ϣ ϱ ϴ	Ɛ ʒ ϴ	ϣ ᶻ ϴ	ᴅ ϧ
OUT ϳ ϗϣ Ϩ ɔ ʁ	V_{OUT_MIN}	I_{OUT}				

/ Functional Description

BRCG5111 SERIES ĩ ₲ ⊰ ỷ ≀ ớLED ᵢ ʊ ϧ ᑕ ı ٹ ᵼ ɒ ᵻ Ã ≀ ớ " ⚌ ı EMI ớ ĩ ä ⊰ ≀ ᵘ ɱ ŋ ᵢ ɔ ɣ ǎ Ψ я ʰ ↿ ớ Ƒ ţ ı Ỹ Ⱥ ⊰ ≀ ⊥ ⚌ ↿ ɒ ı ă Ң

(OUT)

BRCG5111 SERIES Ṫ Ă ɔ я ᵻ OUT Ậ ṵ ώ ě Ẹ OUT Ậ ṵ ɔ я ⸮ GND ₆ ϧ ᑕ Ầ ᵏ ɔ я ᾽H ı BRCG5111 SERIES Ầ Ḋ Ṫ Ă ı ḫ א ở ╚ í

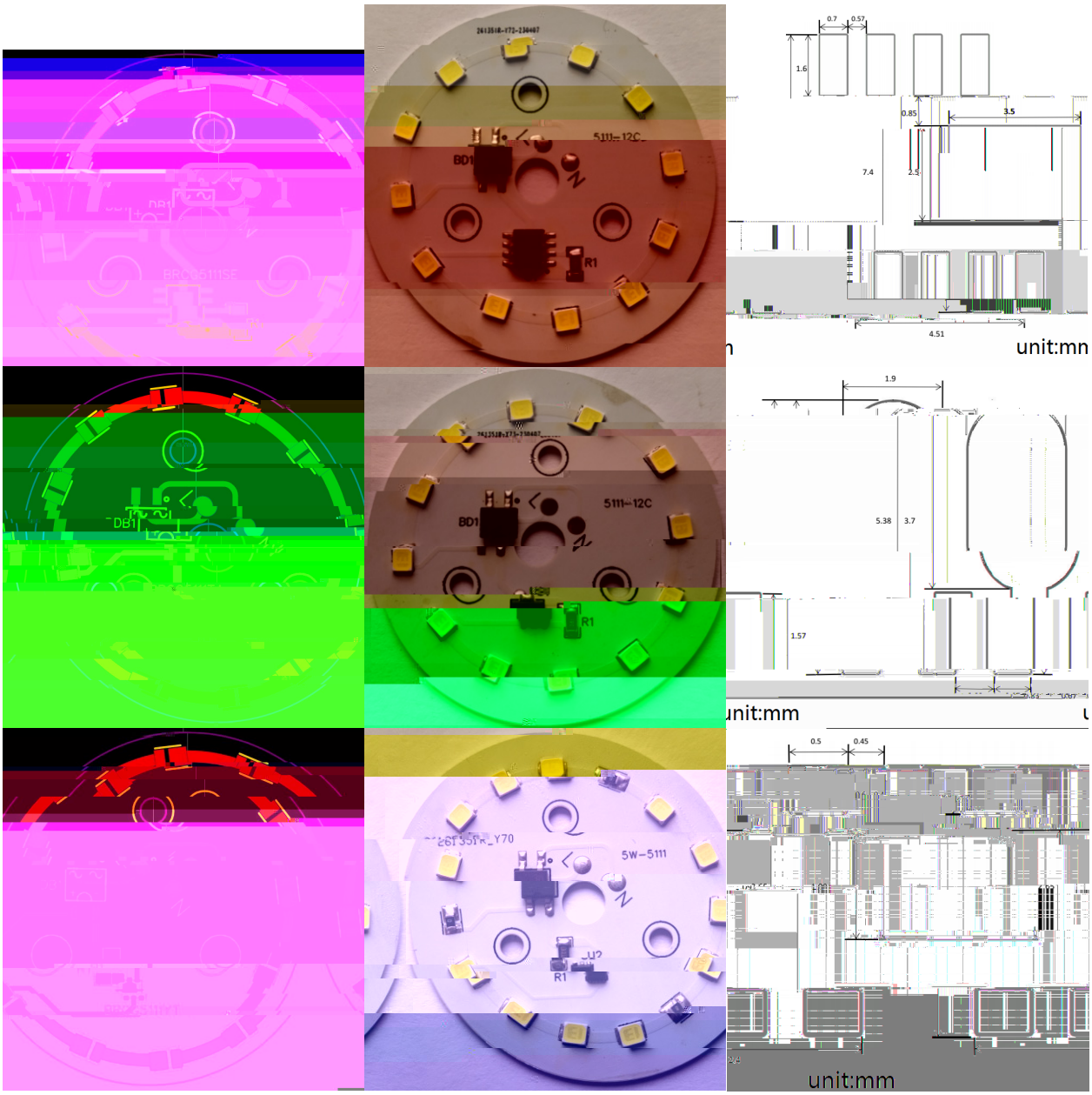
OUT REXT

ϧ ᑕ ᵻ Ⓠ ن ص REXT ɔ ڭ ⊰ ₰ ḧ LED ڑ ɔ ╚

$$I_{LED} = \frac{600mV}{REXT(\Omega)} \ mA$$

BRCG5111 SERIES ᴛ ω̃ ص ♬ ذ ` ı ǐ ı ɱ ϧ ᑕ ص ♬ ᾽H ε >TSC ζ h ⫝ ▒ ṇ ڑ ɔ ╚ ı ᴋ ắ í ڑ ı ' ᐤ □ ″ ı Æ ϧ ᑕ □ ỷ ℨ ᾽Y ɱ ở ḧ Ë ı Ⓠ ώ ⊰ ⊰ ⊥ 🆖 ᵻ ، ớ ⊰ ⊥ h j Ă ₅ ⩢ ϧ ᑕ □ ỷ ı Ẹ ϧ ᑕ □ ỷ ب TSC Ⓠ ï ᾽H ı ⊰ ⊥ ɔ ╚ Õ ᵸ * Ẃ

PCB & & / PCB picture or Actual picture or Mounting pad size



/ Package Dimensions



BRCG5111 Series

/ Package Dimensions

