BRCG5111 SERIES ĩ Ȼ ɤ ỷ ɻ ớ LED ɨ ʊ ƀ Ɗ ı ڀ ɤ ɒ ɟ Ã " ═ ı EMI ớ ĺ ä ɤ ɻ ʊ ƕ ƞ ɨ ɔ ɣ ǎ Ψ я ʜ ɳ ớ ƒ ţ ı Ƶ Ⱥ ɤ ɻ ɹ ═ ɬ ɒ ı ă Ң

BRCG5111 SERIES ڀ ɤ ћ ў ⛀ ɔ ╚ í ˙ ћ ´ ў ˙ H ı ɔ ╚ ɤ 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 ĩ Æ ɤ ɯ ɤ ɔ ╚ ژ ˛ ĺ ד

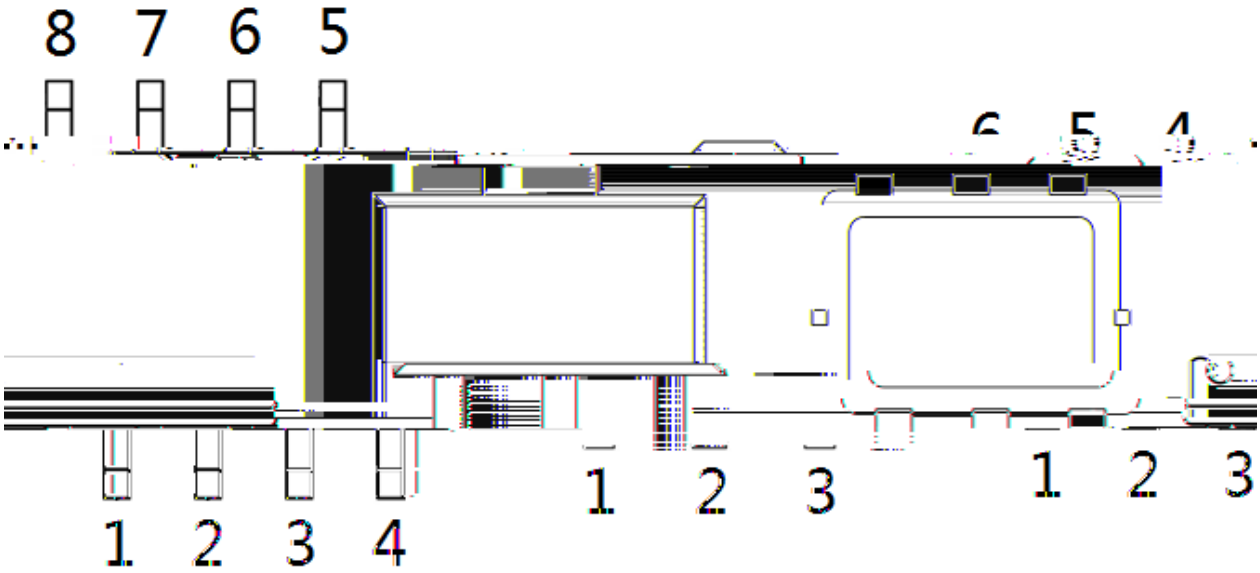
BRCG5111 SERIES л ɻ ص □ ں ɔ ╚ ı ĺ

ʊ ƕ ɔ ت ɬ ɒ ı ƞ ɨ ớ ƒ ţ

л ф ɧ ǎ ɤ я ᵏ ʊ ɔ ت

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

ʿ Ḥ ˈ Y ^ ƀ Ɗ Ẋ ĩ Ȣ ɯ ɤ ɔ ╚ ژ ˛ ĺ ד



Â ő			ᵉ Ꮆ	ı ΐ́
HVRS0;	VRW0;<	SGIQ6Ö5090		
7	1	5	VOUT	ȸ ㄴ ڑ ˛ ㅓ Æ
2	3	3	REXT	ڑ ˛ ɔ ㄴ ф ɹ ㅓ Æ
1	2	1	GND	ƀ ᑫ ş
3,4,5,6,8	/	2,4,6	NC	j ف ì

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v Ϋ	↰ N	Ϋ Ө	D Ң

PN ┘ ע ᒻ ♬ ﮓ ε ESOP-8

v Ѭ	ɬ N	╨ ː ǀ ɻ	ϣ ɳ ӫ	Ɛ ʒ ӫ	ϣ ᶻ ӫ	ᴅ ԋ
OUT ɟ ϗ ϣ Ԋ ɔ ʁ	V_{OUT_MIN}	I_{OUT}				

/ Functional Description

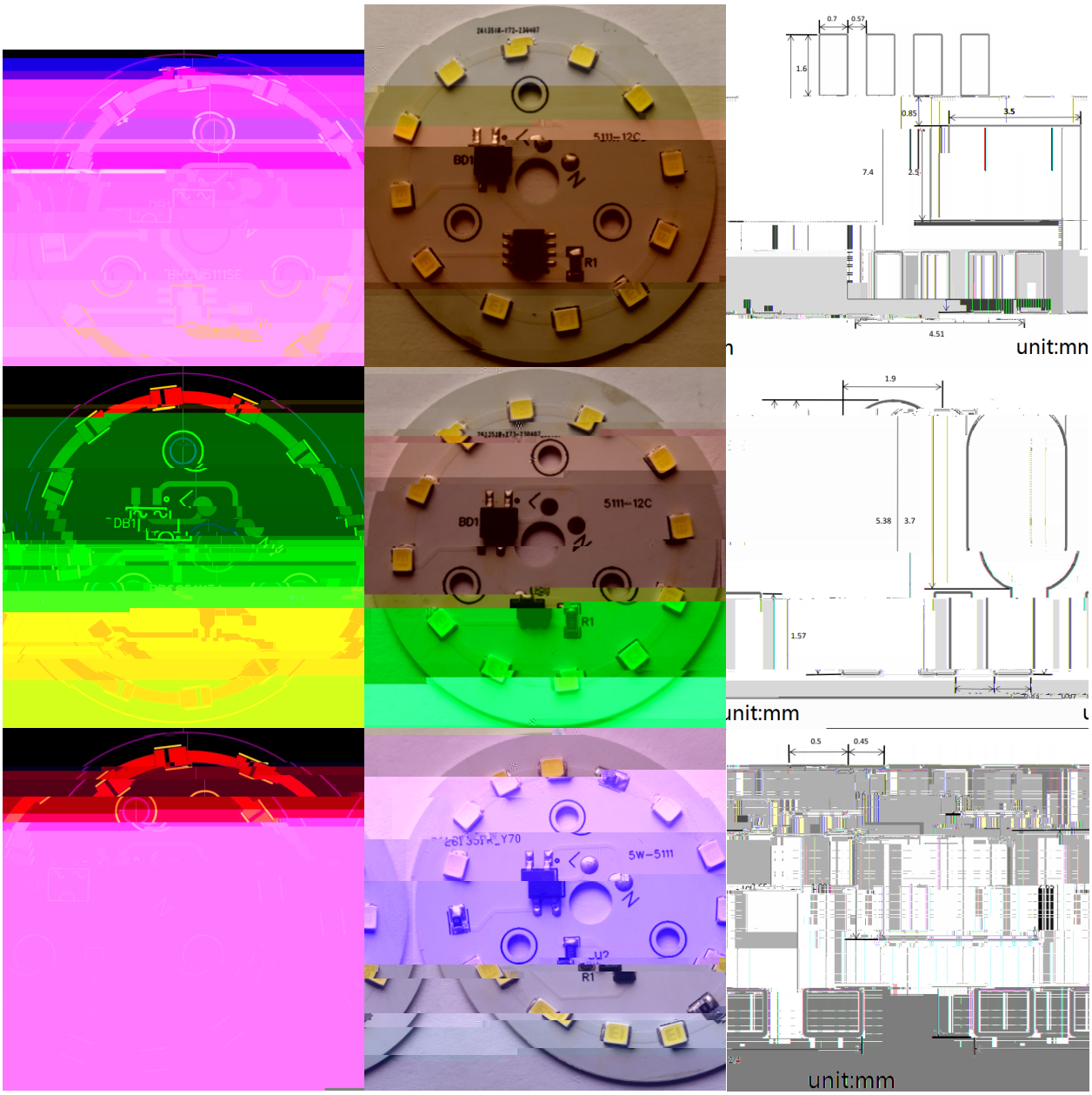
BRCG5111 SERIES ĩ ₲ ᴝ ỷ ɻ ớ LED ᵢ ʊ ƀ ᗡ ı ᵱ ᵻ ᴅ ᵻ Ã ɻ ớ " ₌ ı EMI ớ ĩ ä ᵚ ʌ ᵘ ƫ ị ᵢ ɔ ɣ ǎ Ψ ᴙ ᴴ ᵛ ớ ₣ ţ ı Ỹ Ⱥ ᵚ ʌ ᒍ ₌ ᵛ ᴅ ı ắ Ꮋ

BRCG5111 SERIES Ṫ Ă ɔ ᴙ ᵠ OUT Ậ ṵ ώ ě Ẹ OUT Ậ ṵ ɔ ᴙ ᵶ GND ₆ ƀ ᗡ Ầ ᵏ ɔ ᴙ ᾽H ı BRCG5111 SERIES Ầ Ḋ Ṫ Ă ı ḫ ᴎ ở ╚ í

ƀ ᗡ ᵎ Ꝗ ٹ ص REXT ɔ ڳ ᵚ. ₱ ḧ LED ᵹ ɔ ╚

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

BRCG5111 SERIES ᴛ ῶ ص ♬ ɲ ` ı ǐ ı ƥ ƀ ᗡ ص ♬ ᾽H ε >TSC ζ ʜ ⅃ ▒ ᵑ ᵹ ᵼ ɔ ╚ ı ᴋ ắ í ᵹ ı ' ᵓ □ ″ ı Æ ƀ ᗡ □ ỷ ℨ ᾽Y ƥ ở ḧ Ө ı Ꝗ ώ ᵶ ᵚ ʌ ᵐ ᵎ ، ớ ᵚ ʌ ʜ j Ă ₅ ╝ ƀ ᗡ □ ỷ ı Ẹ ƀ ᗡ □ ỷ ب TSC Ꝗ ï ᾽H ı ᵚ ʌ ɔ ╚ Õ ᵸ * Ẃ


BD1
R1
5111-12C
5W-5111
unit:mm
unit:mm
unit:mm



PDFN3×2 Unit:mm

