



静電破壊試験結果/Elctricstatic Discharges(ESD)

Product	LED
Package	SMD
Series	MSL0104RGB_U/W

サンプル数	各色 10pcs						
Sample Quantity	Each Color 10pcs						
参考規格 Reference STD	①JESD22-A115C (マシンモデル:MM)			試験条件	①C=200pF R=0Ω		
	②JS-001-2014 (人体帯電モデル:HBM)			Test Condition	②C=100pF R=1.5kΩ		
試験結果 Test Result	発光色 Color	条件① Test Condition ①			条件② Test Condition ②		
		Max.	Typ.	Min.	Max.	Typ.	Min.
No.1	Blue *	4.0kV Over	4.0kV Over	4.0kV Over	4.0kV Over	4.0kV Over	4.0kV Over
No.2	Green *	4.0kV Over	4.0kV Over	4.0kV Over	4.0kV Over	4.0kV Over	4.0kV Over
No.3	Red	2000V	1300V	800V	4.0kV Over	4.0kV Over	4.0kV Over

※当データは、特定Lotの実力値であり保証値ではありません。
 ※This data is actual value from specific lot and is not guaranteed.
 * 保護ダイオード内蔵による値となります。
 * This is the data with zener diode.

Notes

- 1) The information contained herein is subject to change without notice.
- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by ROHM.
- 4) Examples of application circuits, circuit constants and any other information contained herein are provided only to illustrate the standard usage and operations of the Products. The peripheral conditions must be taken into account when designing circuits for mass production.
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- 8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative : transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.
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