



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

Product	LED
Package	SMD
Series	SML522BU1W

サンプル数	各色 10pcs						
Sample Quantity	Each Color 10pcs						
参考規格	①JESD22-A115C (マシンモデル:MM)			試験条件	①C=200pF R=0Ω		
Reference STD	②JS-001-2014 (人体帯電モデル:HBM)			Test Condition	②C=100pF R=1.5kΩ		
試験結果	発光色	条件①			条件②		
		Test Condition ①			Test Condition ②		
Test Result	Color	Max.	Typ.	Min.	Max.	Typ.	Min.
No.1	B	1000 V	800 V	600 V	4.0kV Over	4.0kV Over	4.0kV Over
No.2	U	1400 V	1100 V	800 V	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.

## Notes

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- 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.  
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- 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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