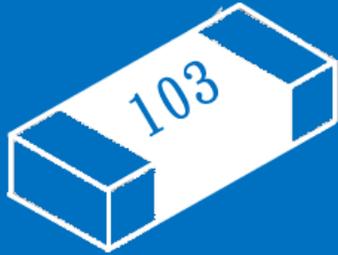




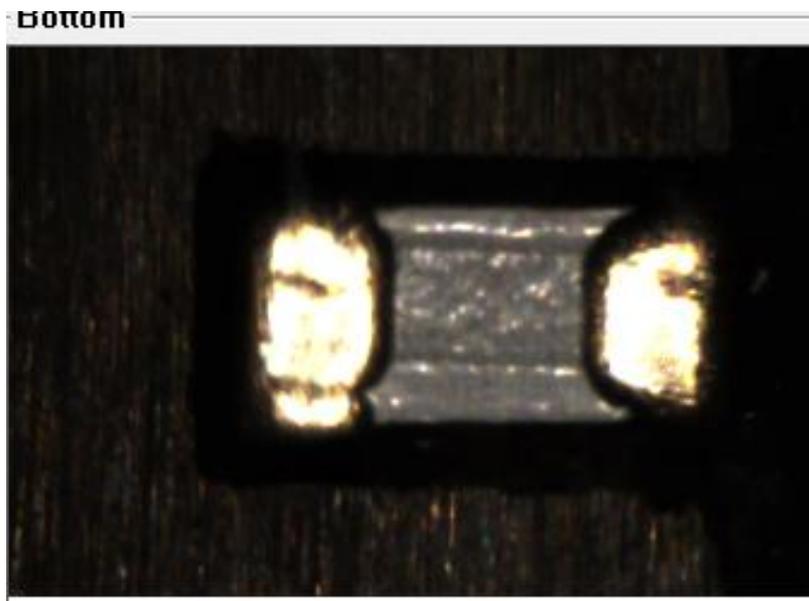
大毅科技股份有限公司  
TA-I TECHNOLOGY CO., LTD



# RLS 白色防焊 W80 測試

# 變更原因

- 因成品保護層外觀為白色，CCD下容易會有反光，易造成誤判，如下附圖(一)所示



CCD外觀樣貌

- 圖料為W-85 & HP-25D，將會使用W-80 & HP-25D的霧面塗料進行取代測試，塗料名稱以及廠內料號如下表(一)所示。

項目	塗料名稱
現行使用	W-85 & HP-25D
替代方案	W-80 & HP-25D

表 (一)

- 塗料替換成 W-80 & HP-25D 進行測試，其生產參數皆不變更，並確認成品是否因變更後是否會影響產品之特性，故後續會安排下表(二)的信賴性驗證確認其特性。

測試項目	測試條件	測試規範
High Temperature Exposure	155°C 1000 Hours	< ±1%
Temperature Cycling	1000Cycles (-55°C to +125°C)	
Biased Humidity	85°C 85% RH 1000 Hours	
Load Life	1000 Hours at rated power, 70°C, 1.5hours "ON", 0.5hours "OFF"	
Flammability	V-0 or V-1 are acceptable, Electrical test not required.	V-0 or V-1

表 (二)

# 測試結果-CCD外觀樣貌

- 比較現行與測試品於CCD外觀樣貌，其測試品其防焊外觀已無反光，故可降低外觀機誤判的狀況，如表(三)所示

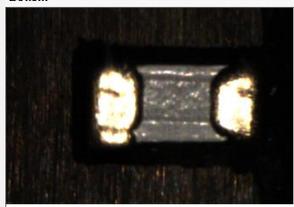
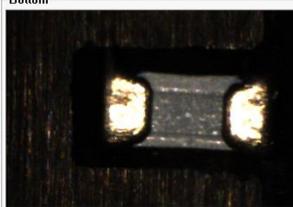
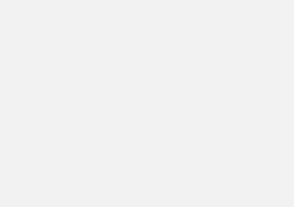
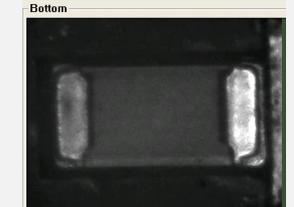
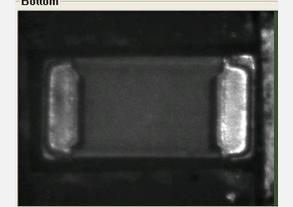
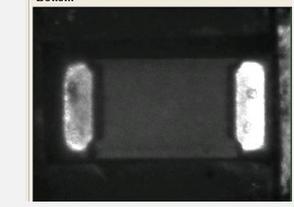
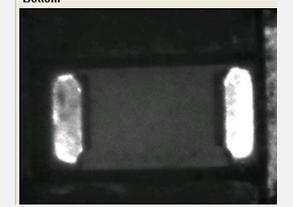
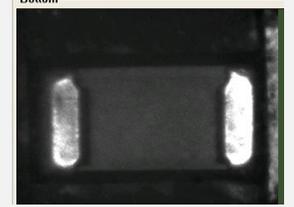
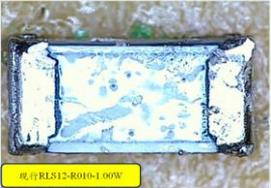
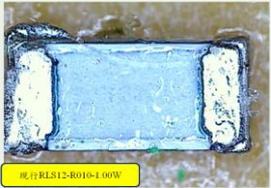
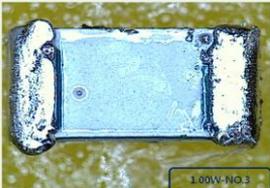
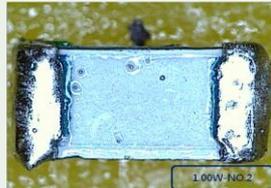
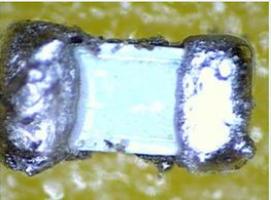
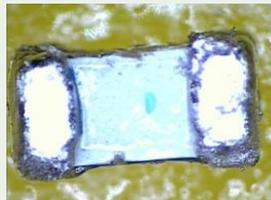
項目	No.1	No.2	No.3
現行塗料 W85			
測試塗料-霧面 W80M			
現行塗料 W85			
測試塗料-霧面 W80M			

表 (三)

# 測試結果-STOL 外觀

## ● STOL 表面溫度與外觀

現行		W80	
表面溫度(°C)	內部溫度(°C)	表面溫度(°C)	內部溫度(°C)
49.7	58.3	49	55
			
			

## ● 信賴性結果

項目	條件	最大變化率
Low Temp. Operation	-55°C 1000 Hours	<1%
High Temp. Storage	155°C 1000 Hours	<1%
Temperature Cycle	1000Cycles (-55°C to +125°C)	<1%
Moisture no Load	85°C 85% RH 1000 Hours	<1%
Load Life	1000 Hours at rated power, 70°C, 1.5hours "ON", 0.5hours "OFF"	<1%
Flammaibility	V-0 are acceptable. Electrical test not required.	V-0