

Qualification Overview according to AEC-Q200 Table5

Product Series		WE-PD2A			
Part Number		4532:7847730,784773168 5848:784774003,784774222			
Acceptance Criteria					
#1		No physical damage and electrical property (Ls, Rdc) meets datasheet both premeasurement and postmeasurement.			
#2		Acceptability of Electronic Assemblies IPC-A-610 class 3.			
No.	Test item	Sample Size	Reference	Test conditions	Acceptance Criteria
3	High Temperature Exposure	77	MIL-STD-202-108	150°C, 1000h	#1
8	Operational Life	77	MIL-PRF-27	Ambient Temp.(110°C)=Max Temp. (150°C) – Temp. rise(40K), 1000h, rated current from the datasheet	#1
14	Vibration	30	MIL-STD-202-204	10g's for 20min, 12cycles each of 3 orientations, test from 15~2000HZ	#1
15	Resistance to Soldering Heat	30	J-STD-020	250°C, tp=30~35s, 3 time reflow time	#1
18	Solderability	30	IPC-A-610	Steam Aging 8 hrs±15min @93°C, Tc=240~245°C,tp=20~30s.	#2
Comments:					
Sample size: according to AEC-Q200 standard Accept on number of failures: zero					
Responsible PM		Pablo Castillo			
Approved Date		2023/7/25			

- red color means test failed
- yellow color means test deviation
- green color means test passed