

CERTIFICATION CHECKLIST PAD-SIDE

Line No	Test Description	Measured	Min	Max	Pass	Fail
1	Company is a member of the <i>Open Dots®</i> Alliance					
2	Width of electrode strip		10.2mm	10.34mm		
3	Width of electrode gap		1.8mm	2.0mm		
4	Array spacing		12.1mm	12.3mm		
5	Number of electrode strips		2			
6	Length of electrode strips			500mm		
7	Electrode strip thickness		0.45mm	0.55mm		
8	Minimum bend radius		120mm			
9	Material is cold-rolled carbon steel or 430 stainless steel					
10	Electrode Strip Plating Material = Nickel					
11	Electrode Strip Plating Thickness		4nm	6nm		
12	Burr Relief Width		0.5mm	1.0mm		
13	Ridge Width		1.76mm	1.96mm		
15	Strip Gap		10.34mm	10.44mm		
16	Burr Relief Depth		0.2mm	0.3mm		
17	Ridge Height		0.51mm	0.55mm		
18	Assembly Flatness (including plastics)			0.2mm		
19	Nominal Pad Voltage (low-power pad)		14	16		
20	Nominal Pad Voltage (high-power pad)		18	20		
21	Rectifier Capacitor Droop over 10us			0.5V		
22	Drop-out time		4us	10us		
23	Pad shuts down when a short is applied with no spark			20uA		
24	Pad discharge energy		3mJ			
25	No damage when short is applied					
26	Pad shuts down while charging when human hand present					
27	Pad fault reset time		3s	8s		
28	Pad starts with multiple devices on surface		10 devices			
29	Pad Operates Normally at ambient temperature of 5C					
30	Pad Operates Normally at ambient temperature of 45C					

Line No	Test Description	Measured	Min	Max	Pass	Fail
31	Pad Operates Normally after storage at -40C					
32	Pad Operates Normally after storage at 60C					
33	Pad operates normally at 20% RH					
34	Pad operates normally at 80% RH					
35	Pad operates normally after storage at 5% RH					
36	Pad operates normally after storage at 95% RH					
37	Pad Operates Normally after 50 ESD events on Contact Live Electrode Positive Polarity (15kV, 150 ohms, 100pF)					
38	Pad Operates Normally after 50 ESD events on Contact Live Electrode Negative Polarity (15kV, 150 ohms, 100pF)					