

PDWS Nitrile Palm Dip ESD Wave Solder Low Heat

ESD Technical Bulletin



Electrostatic Decay in Combination with a Person

Standard:	Rate of decay shall be less than 2.0 seconds @12%RH
Found:	+1kV to -100V Ave: 0.295 sec. -1kV to -100V Ave: 0.304 sec.
Method:	Mil-STD-3010C, 4046 (Modified)@ 12%RH

Café Glove Resistance in Combination with a Person

Target:	Less than 1.0×10^{11} ohms @12%RH and 50%RH
Range:	Min: 1.6×10^6 ohms Max: 4.1×10^6 ohms
Method:	ANSI/ESD SP15.1 @ 49.5%RH for 48 Hours

ESD Inside Shelf Life

Requirement:	5 Years
Found:	Indefinite for Storage
Reference:	Contains no Antistats

Surface Resistance

Target:	Less than 1.0×10^{11} ohms @12%RH
Range:	Min: 2.4×10^7 ohms Max: 1.3×10^8 ohms
Method:	ANSI/ESD STM11.11-2015 @ 49.5%RH for 48 Hours

Surface Resistance

Target:	Less than 1.0×10^{11} ohms @12%RH
Range:	Min: 3.6×10^7 ohms Max: 7.1×10^7 ohms
Method:	ANSI/ESD STM11.11-2015 @ 10.1%RH for 48 Hours

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Volume Resistance	
Standard:	Less than 1.0×10^{11} ohms @12%RH
Range:	Min: 1.1×10^7 ohms Max: 3.5×10^8 ohms
Method:	ANSI/ESD STM11.12-2015 @ 49.5%RH for 48 Hours

Volume Resistance	
Standard:	Less than 1.0×10^{11} ohms @12%RH
Range:	Min: 5.8×10^7 ohms Max: 8.8×10^8 ohms
Method:	ANSI/ESD STM11.12-2015 @ 10.1%RH for 48 Hours

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