ESD Kapton Tape

Description

ESD Kapton tape is made of polyimide film which double side was processed by static material. The back of tape surface resistance <10e7ohmn, Silicon side <10e9 ohmn. The Tape Stripping voltage < 50V, which make sure the electronics components will be not damaged due to tape peeling off.
Color: Amber
P/N LN-1507027B

Product Property

ESD Kapton tape is made of main polyimide film which double side was processed by static material. Single side is covered with imported high performance SPSA, the surface resistance of tape back <10e7 ohms. The silicon side resistance <10e9 ohms. The tape striping voltage <50V. It makes sure that the electronics components will be not damaged due to tape peeling off.

Physical Property

Tape Backing	Polyimide film	
Coefficient of the tape	Organic silicon	
Tape Thickness (mm)	0.06 (Backing:0.025 ; Adhesive :0.035)	ASTM D -3652
Width (mm)	Any size	
Length (m)	33m	
Stripping Strength	20 oz./in.wid th (22N/100mm)	ASTM D -3330
Tensile strength	33 lbs./in. width (578N/100mm)	ASTM D -3759
Elongation (%)	60%	ASTM D -3759
Thermal endurance (ºC)	-73ºC to 260 ºC	
Dielectric Strength	7000volts	ASTM D -149
Insulation resistance (Ω)	>1*10e6 ohms	
Static Charge: (measured at 50% RH, 21 ºC in an ESD Controlled environment)	<150 volts	
Outgassing	%TLM=0.58; %CVCM=0.24	ASTM E -595
Flame Retardancy	Pass	