

Antistatic Storage Pin-Thumb Tak



Description

This product is a Pin Thumb Tak for IC tubes.

Specifications

ESD Storage Type : Tube
External Height : 8mm
External Width : 25.4mm

Controls for Antistatic Tube

The standard used by ITW for testing antistatic tubes is the American National Standard ANSI/EIA-541-1988. Packaging material standards for ESD sensitive items.

Condition Controls

The machine used is an ETS 405D Static Decay Meter
Humidity control chamber

The tubes are conditioned for 48 hours in a control chamber at 12% RH, which is more stringent than EIA 541 requirements of 15% RH.

A static decay test on the tube is carried out by putting a surface charge of 5000 volts on the tube which should dissipate in less than 2s. ITW product averages 0.5s. decay time.

The same test is made 3 times on the spositive side and nagative. The results are within 0.02 seconds to pass the test.

Decay results of each daily production are recorded and are available on request.

Resistivity Control

The machine is an ETS 806
Surface resistivity meter

The technical specification for anti-static tubes is $>1 \times 10^6$ and $<1 \times 10^{12}$
ITW average products 1×10^9

Antistatic Solution Control

The antistatic solution is tested once a day for conductivity and alcohol content.

Production Control

Hourly inspection
Samples of each batch are kept on the shelf for 6 months.

Part Number Table

Description	Part Number
Antistatic Storage, Pin-Thumb Tak, Tube, 8mm, 25.4mm	030-0005

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