

## HIGH FREQUENCY KAPTON FILM CARD

DATASHEET PART SERIES:73-XXXX-XXX

Sheet 1 of 2  
Doc# 73-XXXX-XXX-1016375ECO-083939  
Revision C

Kapton® Resistance Cards are available two types:

**Kapton® Type H**

This extremely tough plastic substrates material exhibits excellent physical and electrical properties over a wide temperature range, especially at very high temperatures.

**Kapton® Type F**

This material has the same properties as Kapton® H except that it is coated on one side with Teflon FEP fluorocarbon resin, making the Kapton® H non-melting base heat sealable.

**ORDERING INFORMATION****PART IDENTIFIER: 73-XXXX-XXX**

(XXX) =  $\Omega$ /SQ.  
(XXXX) = See Table Chart.

73-XXXX-XXX	Substrate Material	Thickness
73-0167-XXX	Kapton	0.002
73-0168-XXX	Kapton	0.005

**SPECIFICATIONS****1. ELECTRICAL:**

Resistance Range:	50 to 400 $\Omega$ /SQ.
Resistance Tolerance:	$\pm$ 10%.
Dielectric Constant:	3.9 Typical @ 1 Hz.
Dielectric Strength	4,100 Volts/MIL, AC.

**2. ENVIRONMENTAL:**

Operating Temperature:	-55°C to +150°C.
Non-operating Temperature:	-55°C to +150°C.
Moisture Sensitivity Level:	MSL 1 - Unlimited.

**3. MARKING:**

Unit Marking:	None.
---------------	-------

**4. QUALITY ASSURANCE:**

100%visual and mechanical inspection.

for Conformance to Outline Drawing Requirements.

100% electrical inspection performed for commercial grade products.

**HIGH FREQUENCY KAPTON FILM CARD**

DATASHEET PART SERIES:73-XXXX-XXX

Sheet 2 of 2  
Doc# 73-XXXX-XXX-1016375

ECO-083939  
Revision C

**5. PACKAGING:**

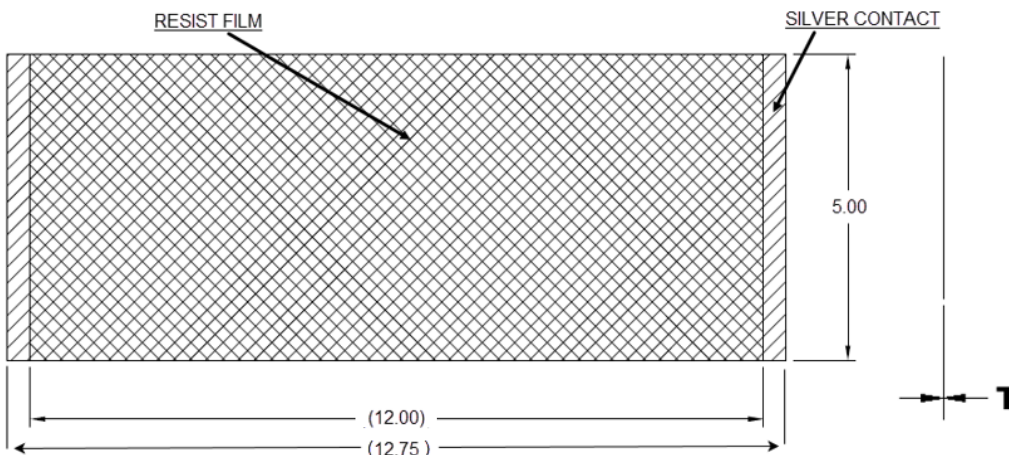
Standard Packaging: Individual Bag Package.

**6. MECHANICAL:**

Substrate Material: Kapton.  
Resistive Film: Nichrome.  
Terminal Material: Silver.  
Protective Coating: Clear.

73-XXXX-XXX	Substrate Material	T = Thickness
73-0167-XXX	Kapton	0.002 ± 0.002
73-0168-XXX	Kapton	0.005 ± 0.002

**7. FOOTPRINT:**



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.01 X.XXX = ± 0.005.