

Tai Twun Enterprise Co., Ltd.

Business Presentation

December, 2019

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◆ Company Profile

Tai Twun Enterprise Co., Ltd. Profile

Company Name : Tai Twun Enterprise Co., Ltd.

Established Date : 24th May, 1988

Listing Date : 30th December, 2010

President : Louie Lin

General Manager : Freddy Lin

Capital : NTD\$665,860 thousand dollars

Main Products : Connectors, Consumer Electronics Products & Heating Products... etc..

Finance Information

(UNIT:NT\$1,000)

Item	2017	2018	2019(Q1-Q3)
Sales	209,052	114,022	44,265
Operating Loss	(61,757)	(36,922)	(13,549)
Net Profit (Loss)	(22,336)	279,623	54,307
EPS (UNIT:NT\$)	(0.34)	4.20	0.82

◆ Products & Roadmaps

➤ Heating Products

Heating

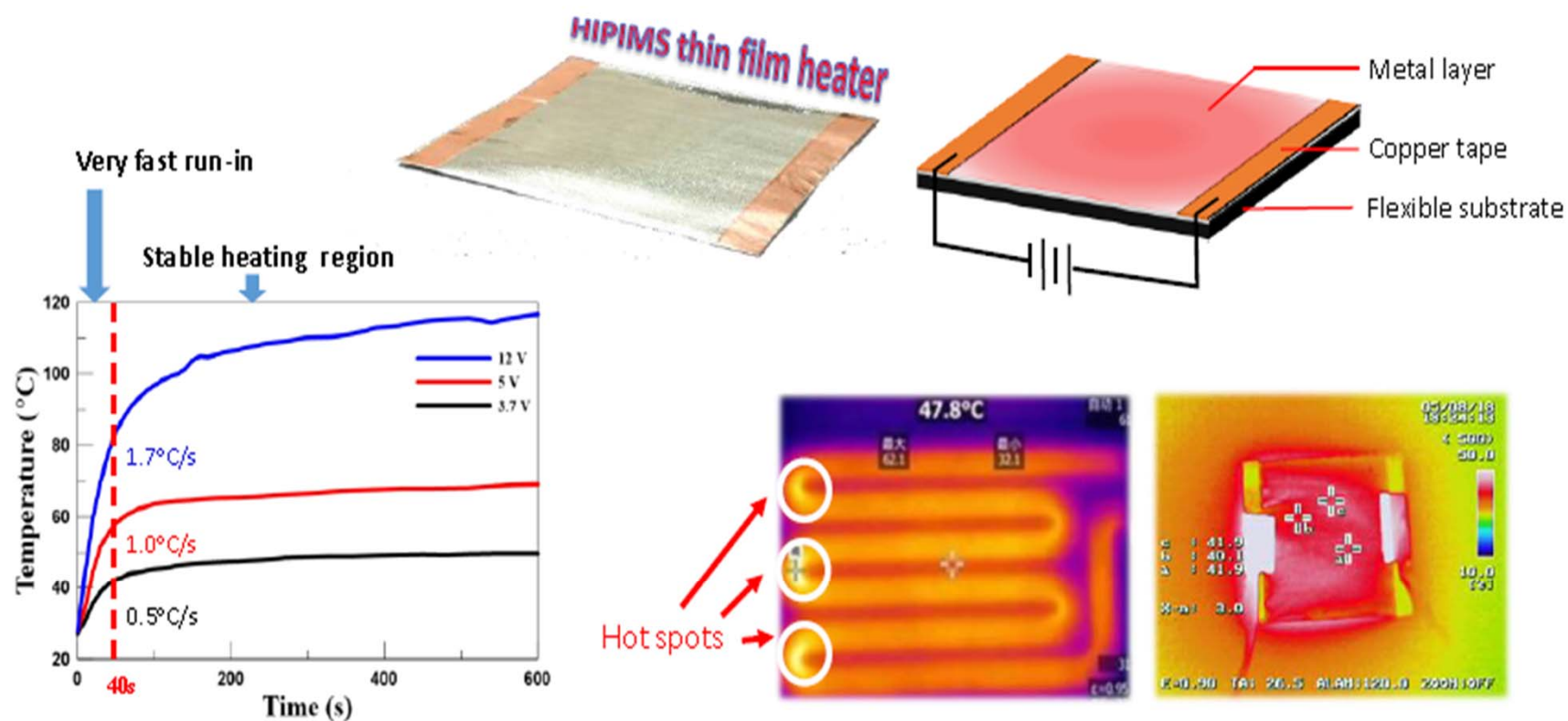
H-Element

FEATURES:

- Development of low temperature and high adhesion heating film on soft substrate by using new sputtering technology
- The heating element with surface heating has higher temperature uniformity than the heating element of the line
- The heating film can be infrared or far infrared heating material, which can be used in different application fields.
- After rubbing, the original heating properties can still be maintained.

Heating

H-Element



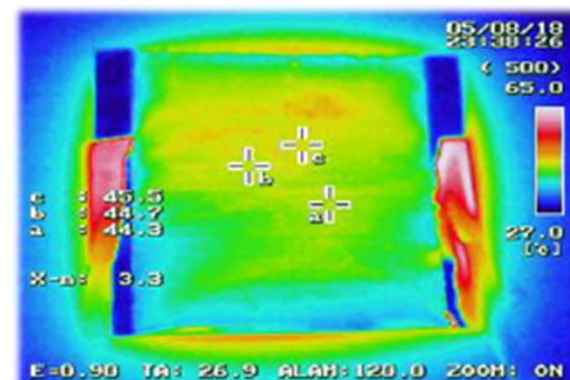
Max. temperature reach 47, 60 and 115°C when voltage applied at 3.7 V, 5 V and 12 V, respectively.

Thermal image shown uneven heating of the conventional heating wire (left) and uniform heating by our thin film heater.

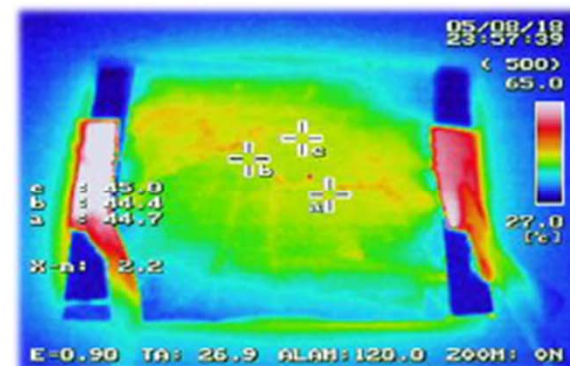
Heating

H-Element

Before rubbing



After rubbing



Our HIPIMS thin film heater can tolerate rubbing, bending and folding than conventional heating wire.

Heating

H-Element

APPLICATION:

● Insole:



Heating

H-Element

● Flip Flop



Heating

H-Element

●Waist Belt



Heating

H-Element

● Heating Product



Heating

H-Element

● Waterproof/Temperature Control module



Q&A



THANK YOU.