

PELLET IGNITERS



Electrolux group

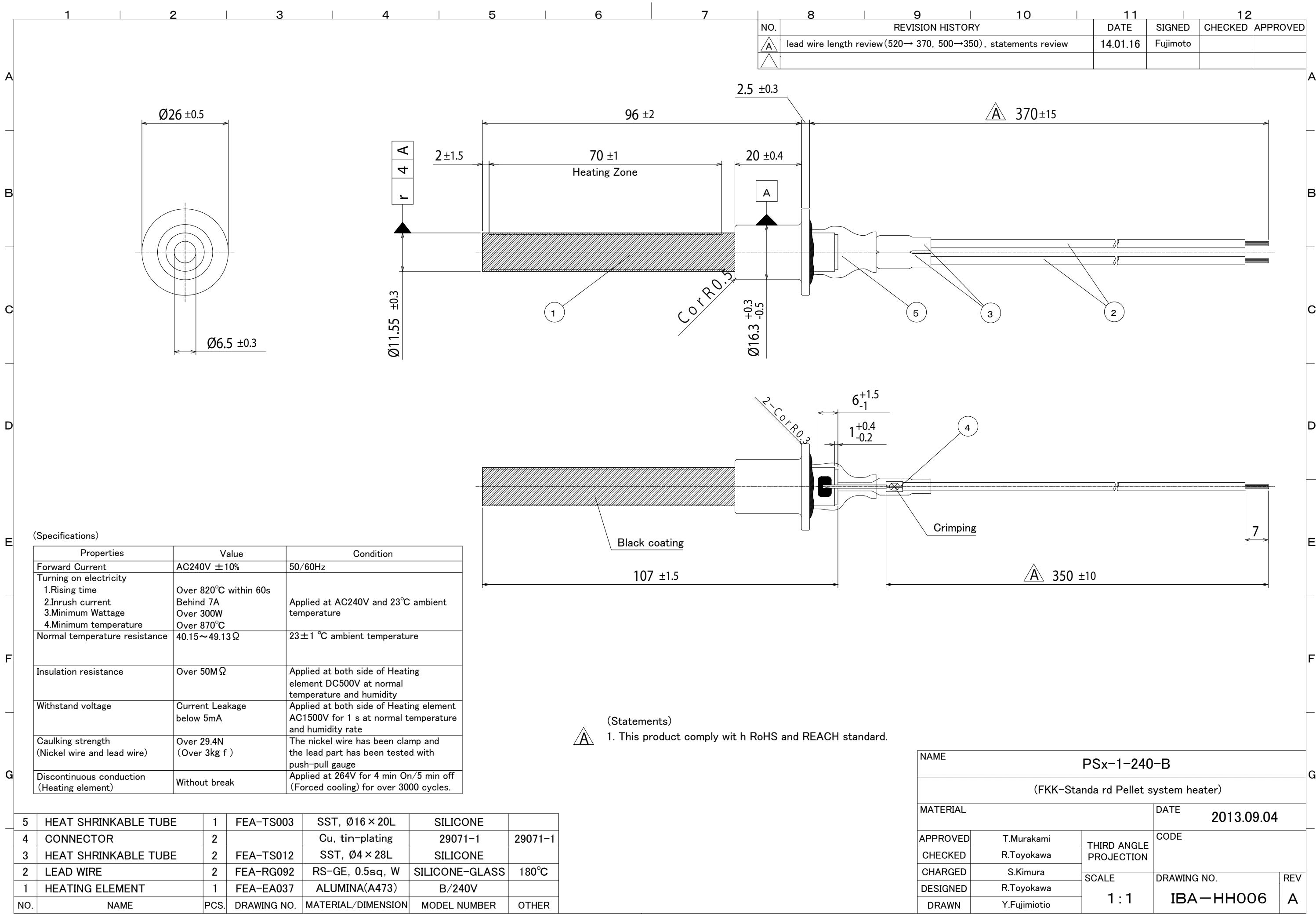


Electrolux Macedonia specialises in hot surface igniters and has many years of experience of working closely with customers to develop solutions for innovative appliances manufacturers. We are a trusted supplier of hot surface ignition products to many industry sectors.

www.electroluxheatingelements.com.mk

www.heating-elements.com.mk

www.elektricnigrejaci.com.mk



(Specifications)

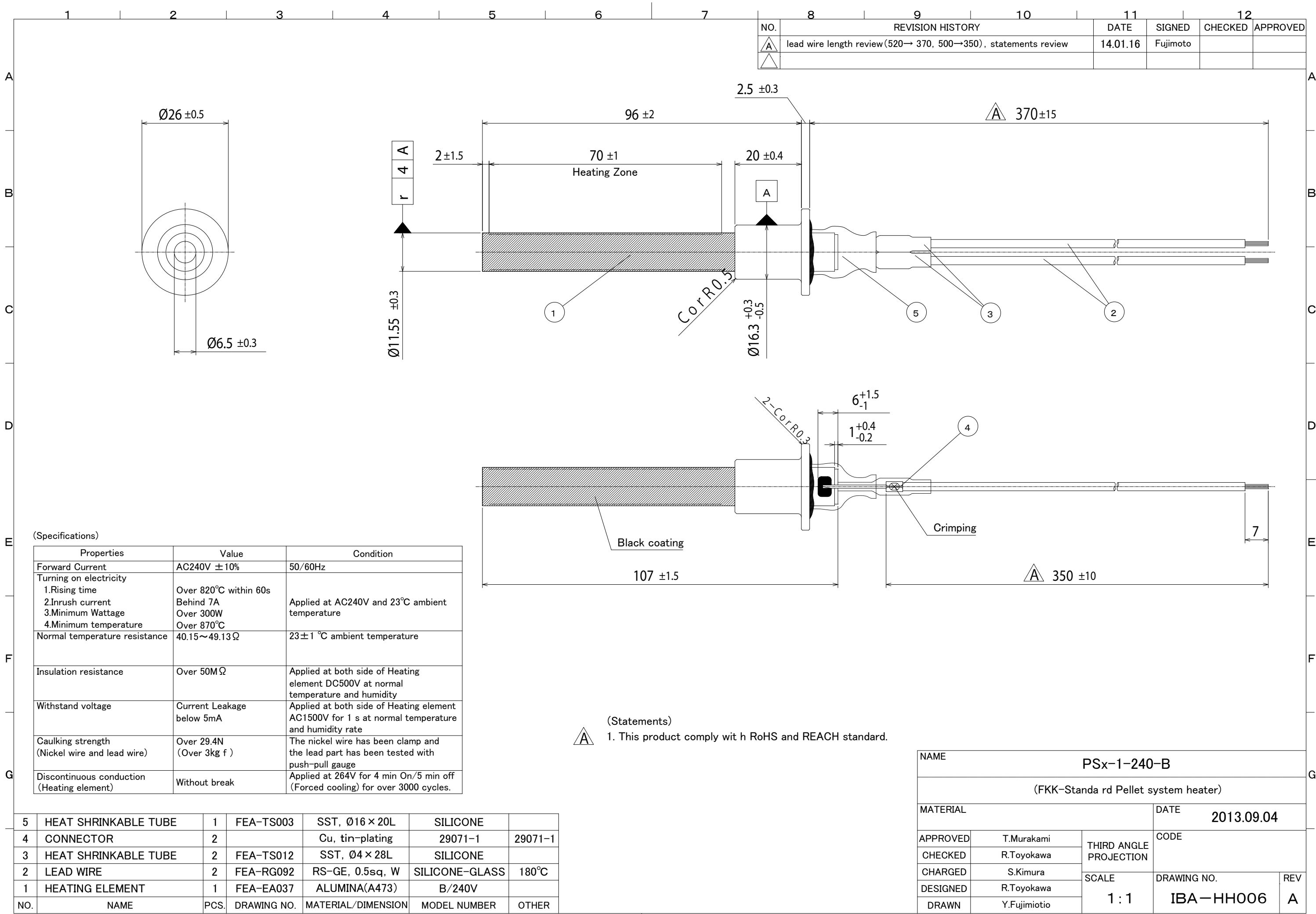
Properties	Value	Condition
Forward Current	AC240V ±10%	50/60Hz
Turning on electricity		
1.Rising time	Over 820°C within 60s	Applied at AC240V and 23°C ambient temperature
2.Inrush current	Behind 7A	
3.Minimum Wattage	Over 300W	
4.Minimum temperature	Over 870°C	
Normal temperature resistance	40.15~49.13 Ω	23±1 °C ambient temperature
Insulation resistance	Over 50M Ω	Applied at both side of Heating element DC500V at normal temperature and humidity
Withstand voltage	Current Leakage below 5mA	Applied at both side of Heating element AC1500V for 1 s at normal temperature and humidity rate
Caulking strength (Nickel wire and lead wire)	Over 29.4N (Over 3kg f)	The nickel wire has been clamp and the lead part has been tested with push-pull gauge
Discontinuous conduction (Heating element)	Without break	Applied at 264V for 4 min On/5 min off (Forced cooling) for over 3000 cycles.

(Statements)

1. This product comply with RoHS and REACH standard.

NAME					
PSx-1-240-B					
(FKK-Standa rd Pellet system heater)					
MATERIAL				DATE	2013.09.04
APPROVED	T.Murakami	THIRD ANGLE PROJECTION	CODE		
CHECKED	R.Toyokawa				
CHARGED	S.Kimura				
DESIGNED	R.Toyokawa				
DRAWN	Y.Fujimiotio	SCALE	1 : 1	DRAWING NO.	IBA-HH006
				REV	A

5	HEAT SHRINKABLE TUBE	1	FEA-TS003	SST, Ø16 × 20L	SILICONE	
4	CONNECTOR	2		Cu, tin-plating	29071-1	29071-1
3	HEAT SHRINKABLE TUBE	2	FEA-TS012	SST, Ø4 × 28L	SILICONE	
2	LEAD WIRE	2	FEA-RG092	RS-GE, 0.5sq, W	SILICONE-GLASS	180°C
1	HEATING ELEMENT	1	FEA-EA037	ALUMINA(A473)	B/240V	
NO.	NAME	PCS.	DRAWING NO.	MATERIAL/DIMENSION	MODEL NUMBER	OTHER



(Specifications)

Properties	Value	Condition
Forward Current	AC240V $\pm 10\%$	50/60Hz
Turning on electricity		
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3.Minimum Wattage	Over 300W	
4.Minimum temperature	Over 870°C	
Normal temperature resistance	40.15~49.13 Ω	23 ± 1 °C ambient temperature
Insulation resistance	Over 50M Ω	Applied at both side of Heating element DC500V at normal temperature and humidity
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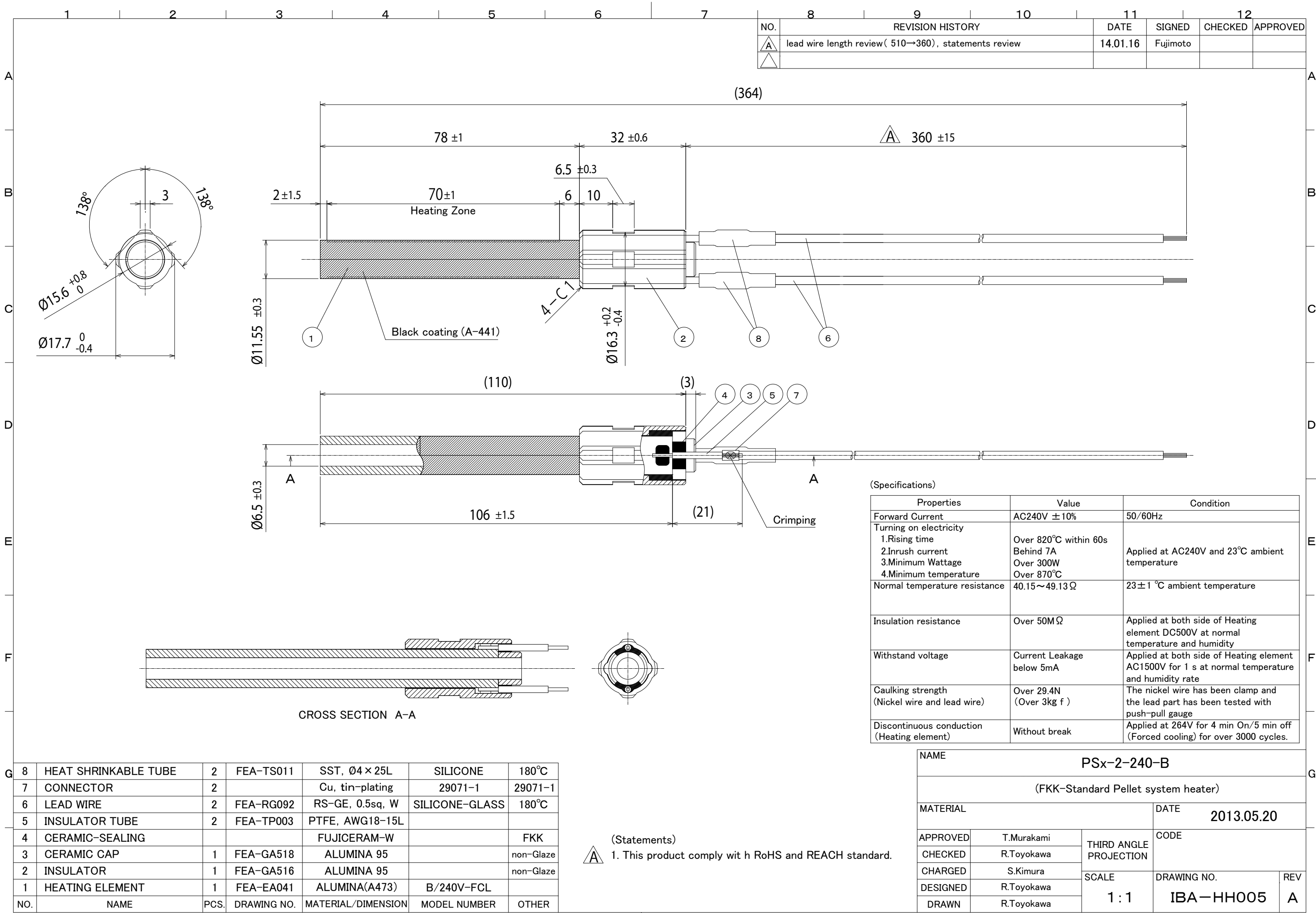
(Statements)

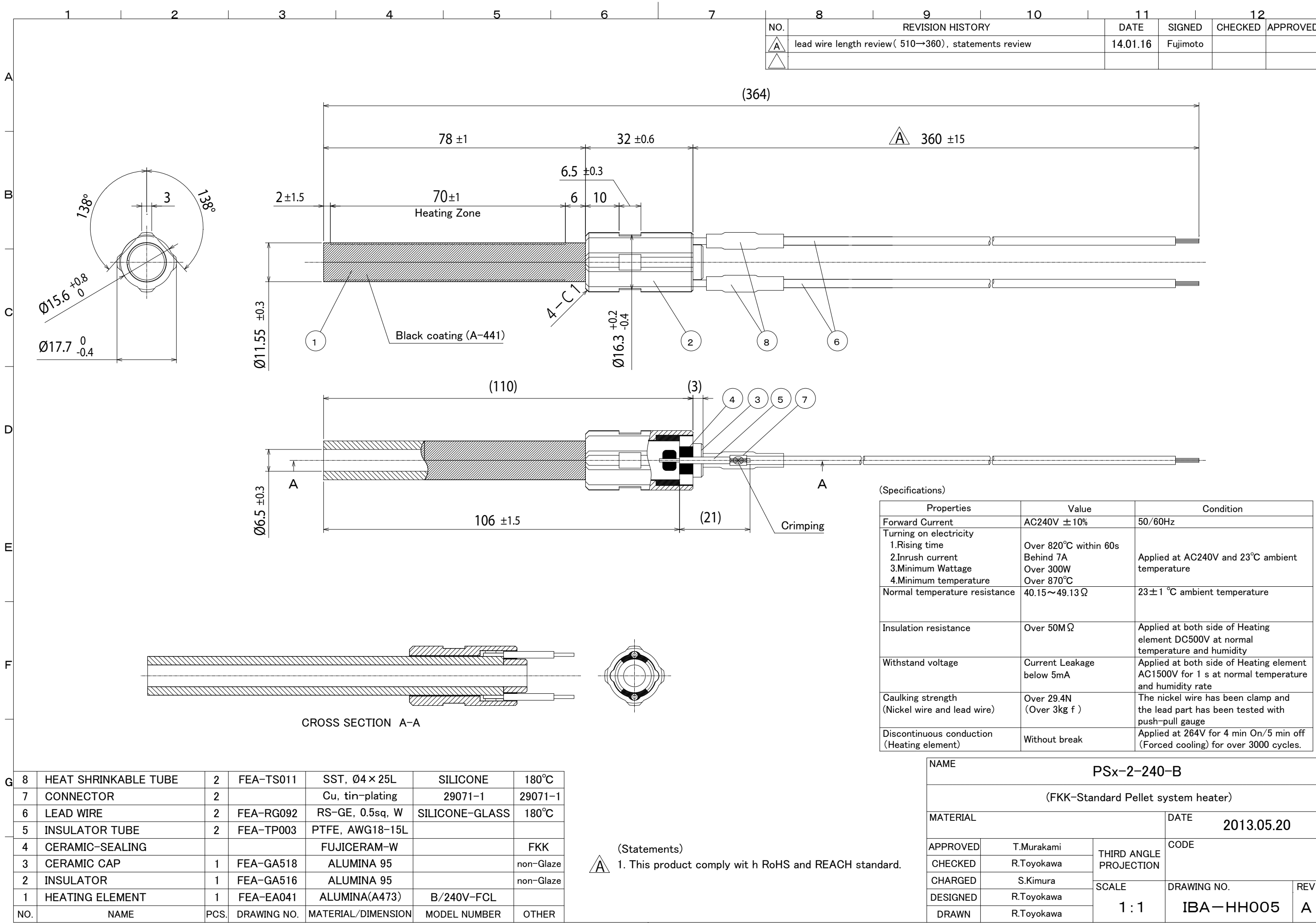


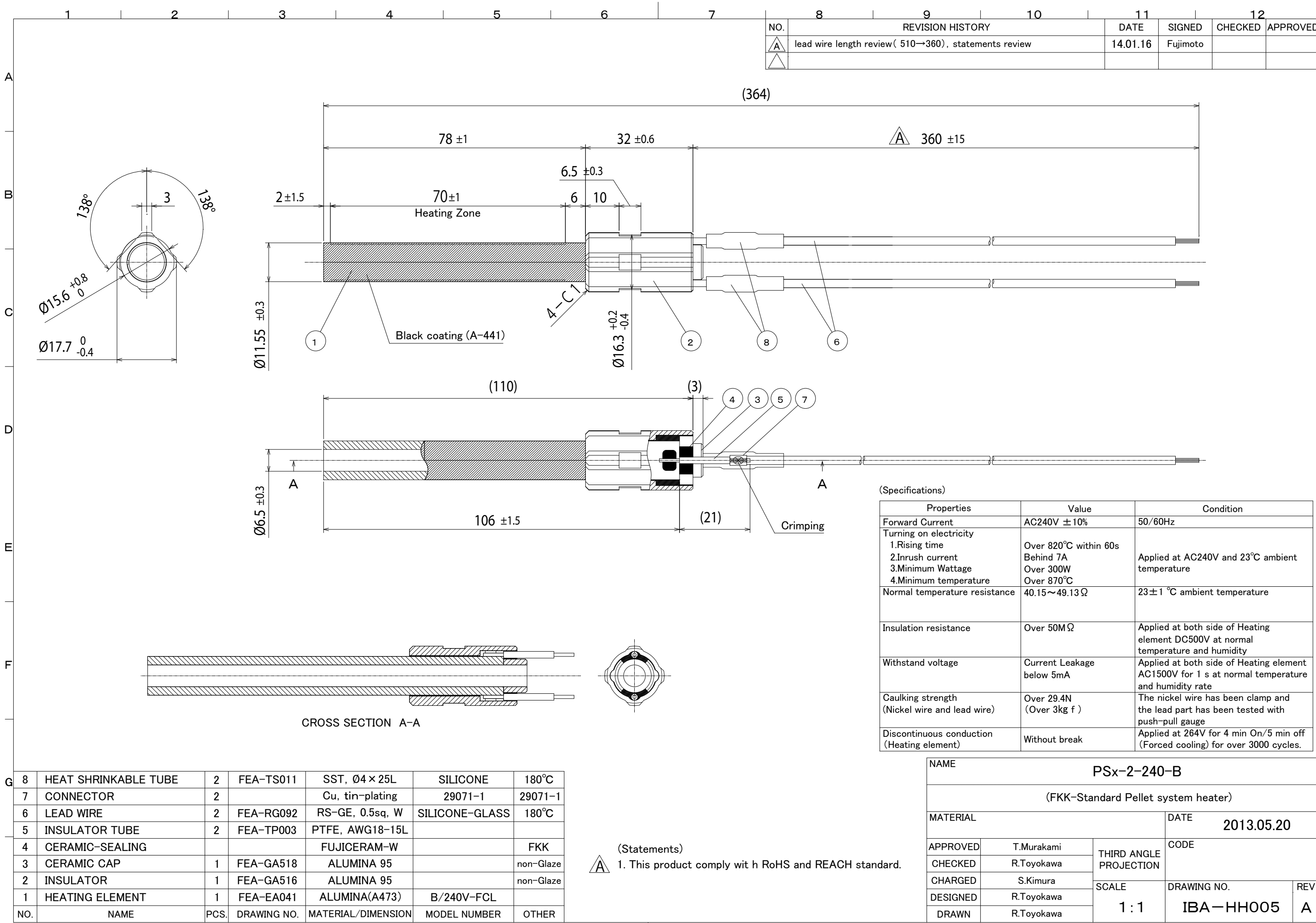
1. This product comply with RoHS and REACH standard.

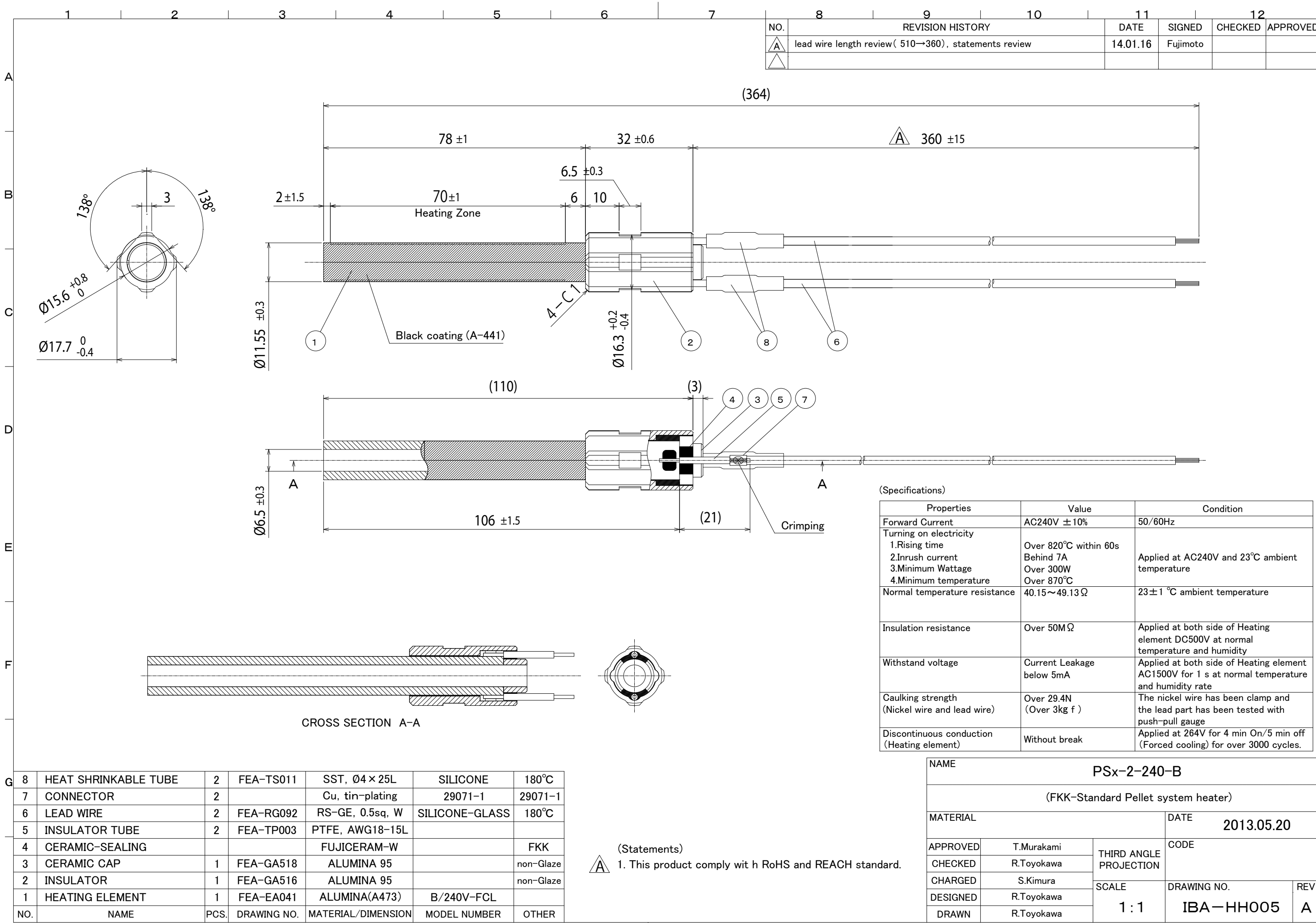
5	HEAT SHRINKABLE TUBE	1	FEA-TS003	SST, $\varnothing 16 \times 20$ L	SILICONE	
4	CONNECTOR	2		Cu, tin-plating	29071-1	29071-1
3	HEAT SHRINKABLE TUBE	2	FEA-TS012	SST, $\varnothing 4 \times 28$ L	SILICONE	
2	LEAD WIRE	2	FEA-RG092	RS-GE, 0.5sq, W	SILICONE-GLASS	180°C
1	HEATING ELEMENT	1	FEA-EA037	ALUMINA(A473)	B/240V	
NO.	NAME	PCS.	DRAWING NO.	MATERIAL/DIMENSION	MODEL NUMBER	OTHER

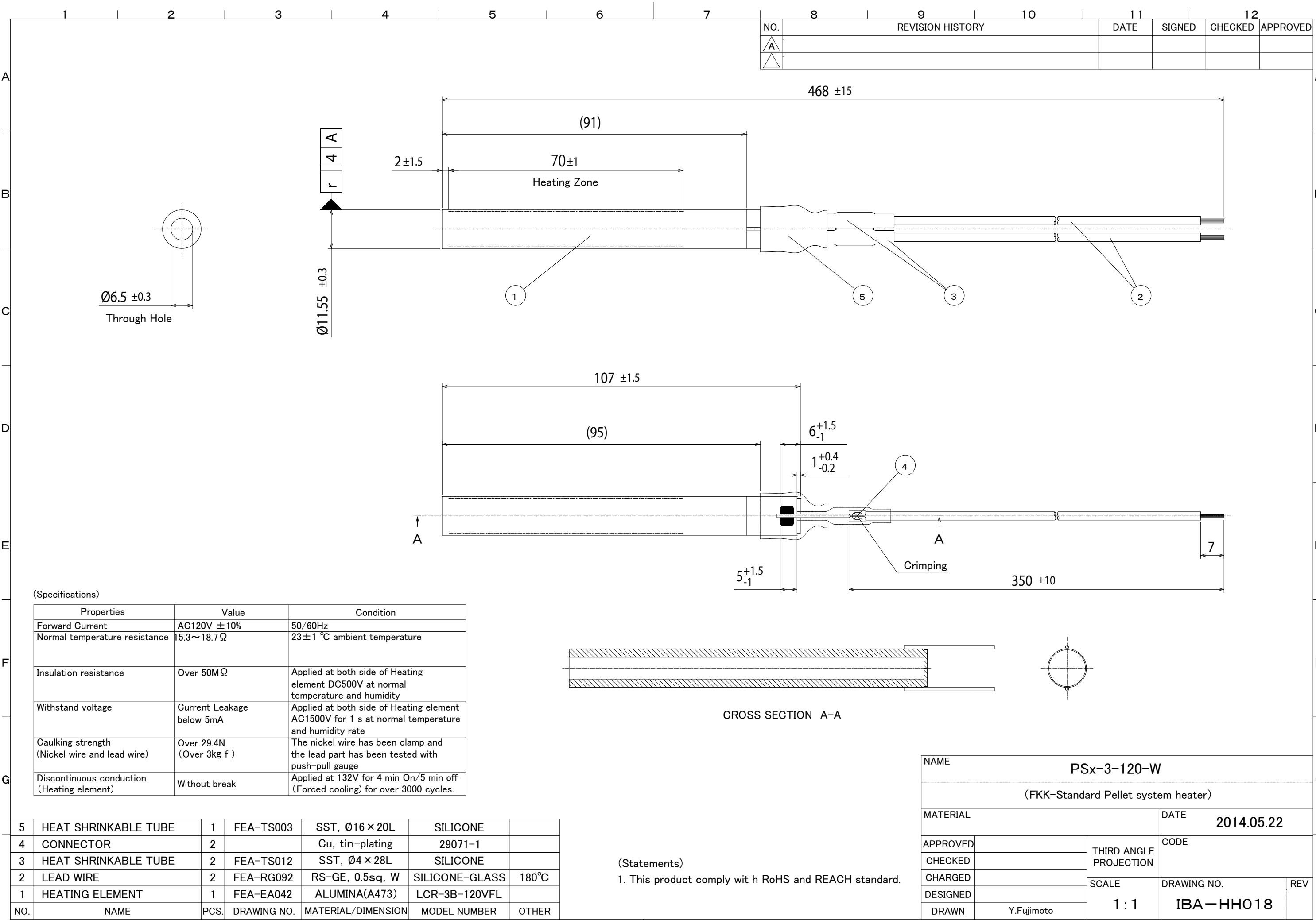
NAME					
PSx-1-240-B					
(FKK-Standa rd Pellet system heater)					
MATERIAL				DATE	2013.09.04
APPROVED	T.Murakami	THIRD ANGLE PROJECTION	CODE		
CHECKED	R.Toyokawa				
CHARGED	S.Kimura				
DESIGNED	R.Toyokawa				
DRAWN	Y.Fujimiotio	SCALE	1 : 1	DRAWING NO.	IBA-HH006
				REV	A

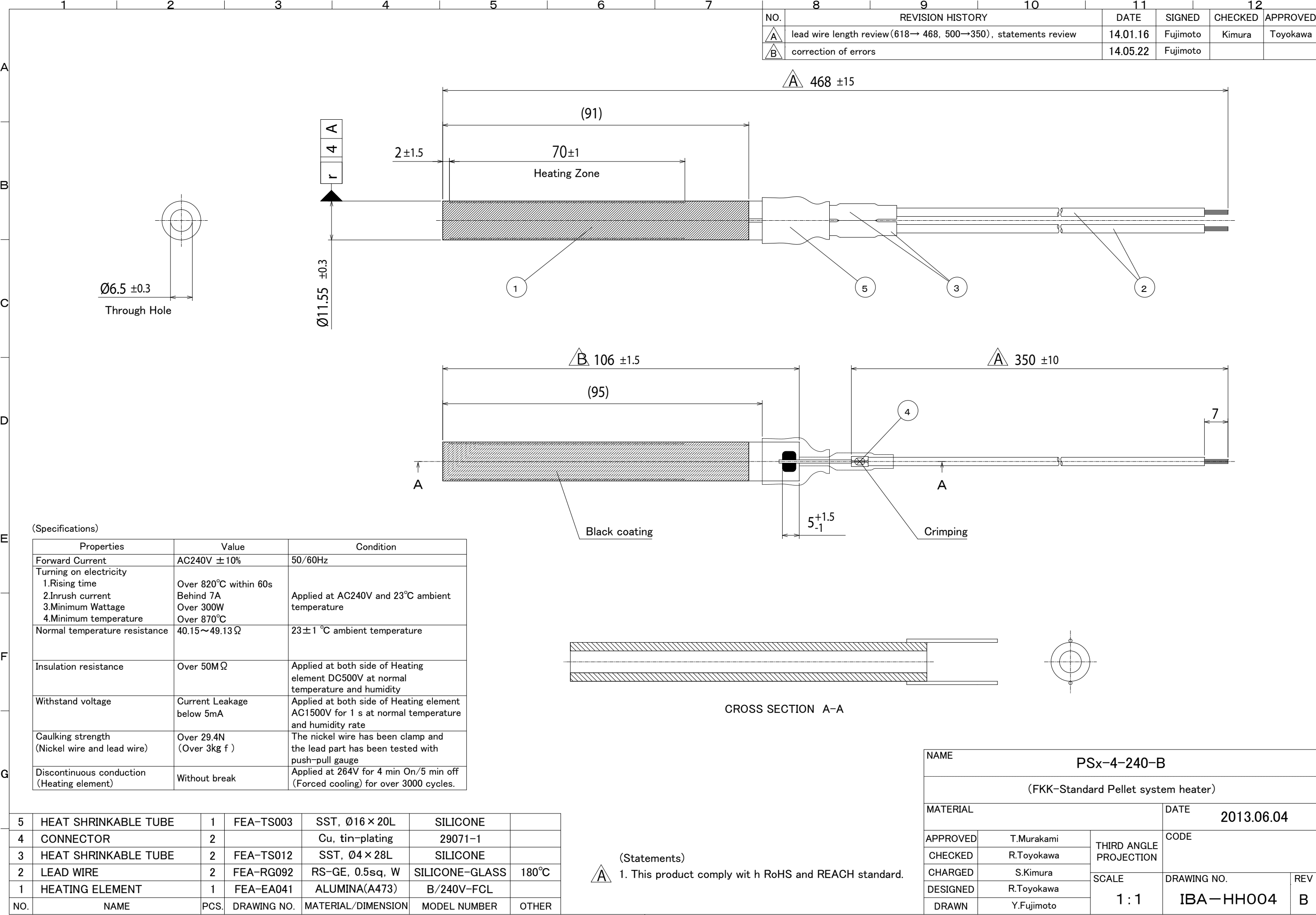












(Specifications)

Properties	Value	Condition
Forward Current	AC240V $\pm 10\%$	50/60Hz
Turning on electricity		
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5	HEAT SHRINKABLE TUBE	1	FEA-TS003	SST, Ø16 × 20L	SILICONE	
4	CONNECTOR	2		Cu, tin-plating	29071-1	
3	HEAT SHRINKABLE TUBE	2	FEA-TS012	SST, Ø4 × 28L	SILICONE	
2	LEAD WIRE	2	FEA-RG092	RS-GE, 0.5sq, W	SILICONE-GLASS	180°C
1	HEATING ELEMENT	1	FEA-EA041	ALUMINA(A473)	B/240V-FCL	
NO.	NAME	PCS.	DRAWING NO.	MATERIAL/DIMENSION	MODEL NUMBER	OTHER

(Statements)
A 1. This product comply wit h RoHS and REACH standard.

NAME					
PSx-4-240-B					
(FKK-Standard Pellet system heater)					
MATERIAL				DATE	
				2013.06.04	
APPROVED	T.Murakami	THIRD ANGLE PROJECTION	CODE		
CHECKED	R.Toyokawa				
CHARGED	S.Kimura				
DESIGNED	R.Toyokawa	SCALE	DRAWING NO.		REV
DRAWN	Y.Fujimoto		IBA-HH004		B
		1 : 1			

