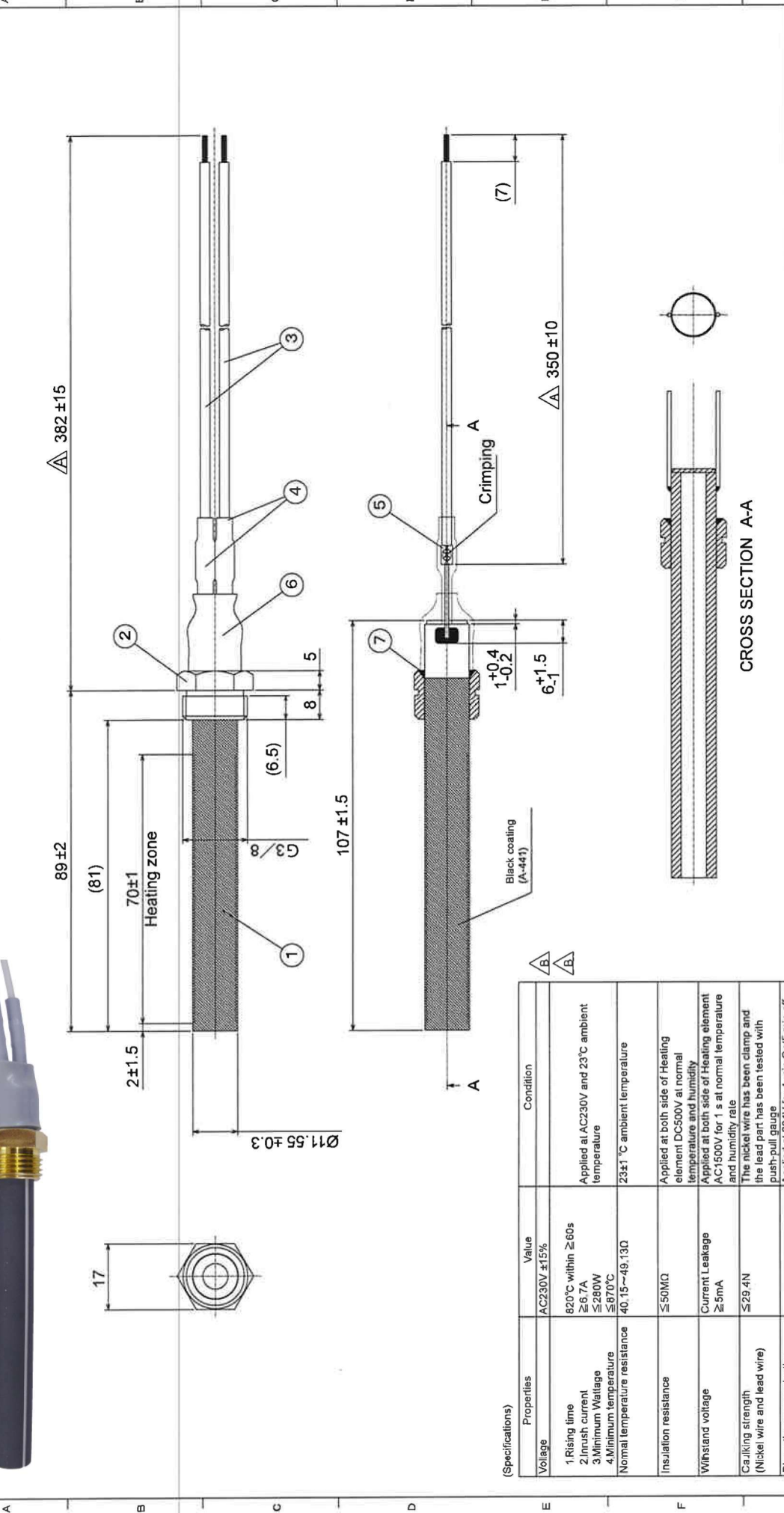


NO.	REVISION HISTORY	DATE	SIGNED	CHECKED	APPROVED
A	lead wire length review(532→382, 500→350), statements review	14.01.16	Fujimoto	Kimura	Toyokawa
B	Element change (FEA-EA040→FEA-EA045), Specifications change	17.08.31	Y.Fujimoto		



NAME		PSX-6-240-B	
MATERIAL		-Standard Pellet system heater)	
APPROVED	T.Murakami	THIRD ANGLE	CODE
CHECKED	R.To yokawa	SCALE	1 : 1
DESIGNED	R.To yokawa	DRAWING NO.	IBA-HH008
DRAWN	R.To yokawa	DATE	2013.12.06

NO.		PCS		DRAWING NO.		MATERIAL/DIMENSION		MODEL NUMBER		OTHER	
7	CERAMIC SEALING	1	FEA-TS003	FUJICERAM-W	SST, Ø16×20L	SILICONE	29071-1				
6	HEAT SHRINKABLE TUBE	2	FEA-TS012	Cu, tin-plating	SST, Ø4×28L	SILICONE	180°C				
5	CRIMP CONNECTOR	2	FEA-RG092	RS-GE, 0.5sq. W	BRASS, G3/8	SILICONE-GLASS					
4	HEAT SHRINKABLE TUBE	1	FEA-KN058	ALUMINA(A473)	ALUMINA(A473)						
3	LEAD WIRE	1	FEA-EA045								
2	MOUNTING	1	FEA-EA045								
1	HEATING ELEMENT (P.L.)	1	FEA-EA045								

Properties	Value	Condition
Voltage	AC230V ±15%	
1 Rising time	820°C within ≥60s	Applied at AC230V and 23°C ambient temperature
2 Inrush current	≥6.7A	
3 Minimum Wattage	≤280W	
4 Minimum temperature	≤870°C	
Normal temperature resistance	40.15~49.13Ω	23±1 °C ambient temperature
Insulation resistance	≤50MΩ	Applied at both side of Heating element DC500V at normal temperature and humidity
Withstand voltage	Current Leakage ≥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)	≤29.4N	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 284V for 4 min On/5 min off (Forced cooling) for over 3000 cycles.

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

B