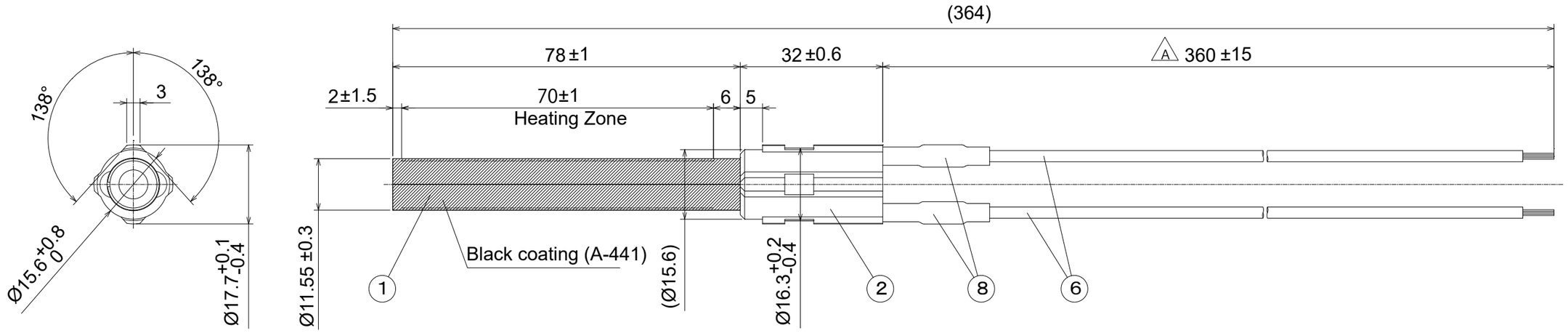
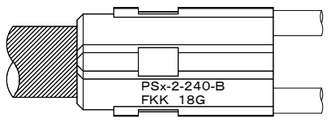
	REVISION HISTORY	DATE	SIGNED	CHECKED	APPROVED
A	lead wire length review(510→360), statements review	14.01.16	Fujimoto	Kimura	Toyokawa
B	Element change(FEA-EA041→FEA-EA046), Specifications change	17.08.31	Y.Fujimoto	S.Fujimoto	R.Toyokawa
C	Marking addition	17.10.06	Y.Fujimoto	H.Kawato	R.Toyokawa
D	Change of Flange design	17.12.25	R.Toyokawa	S.Fujimoto	Y.Fujimoto
E	Change of Marking	18.07.30	Y.Fujimoto	R.Toyokawa	H.Kawato



E MARKING

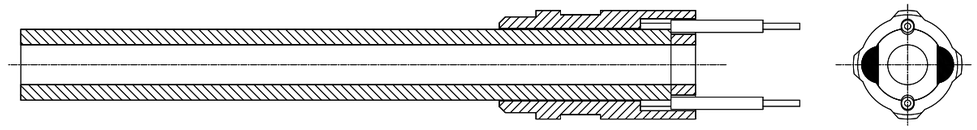


Example: 18 G

The last two digits of the year

Month

January: A
February: B
:
December: L



CROSS SECTION A-A

(Specifications)

Properties	Value	Condition
Voltage	AC230V ±15%	
1.Rising time 2.Inrush current 3.Minimum Wattage 4.Minimum temperature	820℃ within ≧60s ≧6.7A ≦280W ≦870℃	Applied at AC230V and 23℃ ambient temperature
Normal temperature resistance	40.15～49.13Ω	23±1 ℃ 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 264V for 4 min On/5 min off (Forced cooling) for over 3000 cycles.

NO.	NAME	PCS.	DRAWING NO.	MATERIAL/DIMENSION	MODEL NUMBER	OTHER
8	HEAT SHRINKABLE TUBE	2	FEA-TS011	SST, Ø4×25L	SILICONE	180℃
7	CONNECTOR	2		Cu, tin-plating	29071-1	
6	LEAD WIRE	2	FEA-RG092	RS-GE, 0.5SQ, W	SILICONE-GLASS	180℃
5	INSULATOR TUBE	2	FEA-TP003	PTFE, AWG18-15L		
4	CERAMIC-SEALING			FUJICERAM-W		FKK
3	CERAMIC CAP	1	FEA-GA542	ALUMINA 95		non-Glaze D
2	INSULATOR	1	FEA-GA541	ALUMINA 95		non-Glaze D
1	HEATING ELEMENT(PL)	1	FEA-EA046	ALUMINA(A473)	B/24V-FCL	B

A (Statements)

1. This product comply wit h RoHS and REACH standard.

NAME	PSx-2-240-B (FKK-Standard Pellet system heater)		
MATERIAL		DATE	2013.05.20
APPROVED	T.Murakami	THIRD ANGLE	CODE
CHECKED	R.Toyokawa		
CHARGED	S.Kimura	SCALE	DRAWING NO. / REV
DESIGNED	R.Toyokawa	1 : 1	IBA-HH005 / E
DRAWN	R.Toyokawa		

FKK Corporation