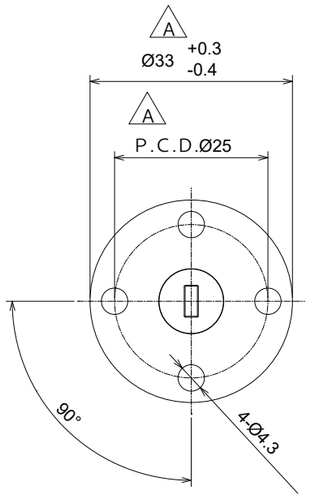
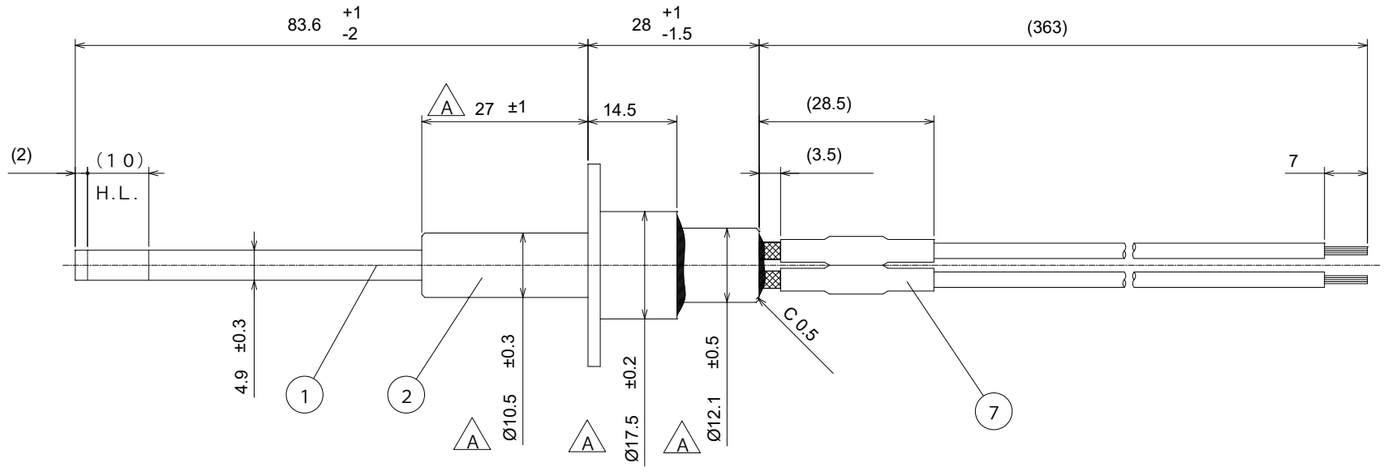
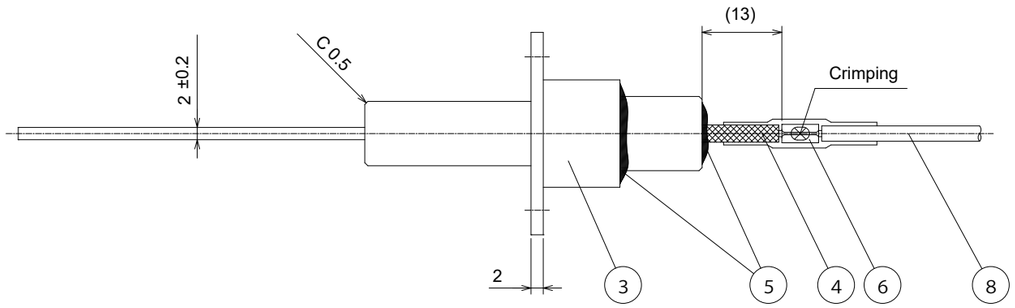
NO.	REVISION HISTORY	DATE	SIGNED	CHECKED	APPROVED
A	Change in flange dimension, change in insulator dimension	18.10.12	Y.Fujimoto		





(Specifications)

Properties	Value	Condition
Voltage	AC100V ±10%	50/60Hz
Saturation temperature	Applied at 90V : ≧ 1050 ℃ Applied at 110V : ≦ 1320 ℃	Maximum heating temperature Approximately 30 seconds after powering
Normal temperature resistance	32～60Ω	Ambient temperature 25±1 ℃
Insulation resistance	≧ 100MΩ	Applied at both side of Heating element DC500V at normal temperature and humidity
Withstand voltage	Current Leakage ≦ 1mA	Applied at both side of Heating element and connector flange AC1500V for 1 s at normal temperature and humidity
Maximum temperature	1400 ℃ 300 ℃	Heating element Lead Junction
Sealing strength	≧ 49N/m	Horizontal constraint between ceramic element and flange
Sealing resistance to air pressure	≧ 2kPa after 1 minute (pressure decreasing to 8kPa after 1 minute)	Ambient air applied at 10kPa in 30～50 cc metal cylinder



NO.	NAME	PCS.	DRAWING NO.	MATERIAL/DIMENSION	MODEL NUMBER	OTHER
8	LEAD WIRE	2	FEA-RG092	SILICONE-GLASS	0.5sq, WHITE	180℃
7	SILICONE RUBBER TUBE	2	FEA-TS011	SILICONE	SST, Ø4×25L	180℃
6	CONNECTOR	2		Cu, tin-plating	29071-1	
5	CERAMIC-SEALING			FUJICERAM-FC		FKK
4	INSULATOR TUBE	2		AL2O3 / SiO2		500℃
3	BRACKET	1		SUS430		
2	INSULATOR	1		ALUMINA		non-Glaze
1	HEATING ELEMENT	1	FEA-ES028	Si3N4（SN362）	FJT-100L	

(Statements)
1. Without specific notice the ce ramic element dimension tolerance shall be ±0.5mm
2. Metal flange normal dimension tolerance comply with JIS B0405-m standard and normal geometric tolerance with JIS B0419-k standard.
3. Normal operating condition definition (temperature and humidity) Temperature: 15～35 ℃ / Humidity : 25～80% Pressure : 86～106KPa
4. This product comply with RoHS standard.

NAME	SNx-6-100		
MATERIAL		DATE	2016.09.28
APPROVED	H.Kawato	THIRD ANGLE	CODE
CHECKED	R.Toyokawa		
CHARGED	S.Fujimoto	SCALE	DRAWING NO. / REV
DESIGNED	Y.Fujimoto	1 : 1	IBA-HH036 / A
DRAWN	Y.Fujimoto		

Proprietary statement
This drawings is the proprietary of FKK Corporation. In case of non-respect of the present term, FKK may take action and ask for damages.

FKK Corporation