



SEIKOH GIKEN



Uniboot for QSFP-DD: SN Plug Polishing

Polishing Machine : SFP-550 series and SFP-560A

Polishing Holder : PH55-SN-24

Connector : SN / PC connector from Senko

■ Features

- Plug type polishing holder
- Ferrule type polishing holders are also available
- IPC (Independent Pressure Control) based holder and work with existing SFP-550 series polishing machines and also new SFP-560A

■ Polishing Process for SN Plug Polishing

STEPS	PAD	FILM	LIQUID	TIME (SEC)	Pressure
1st.	PR5X-500-85	GA5D	D.I Water	10	After 10 revs.
Check if IPC is working by pushing ferrules					
2nd.	PR5X-500-85	DR5D-9u	D.I Water	20	After start
3rd.	PR5X-500-85	DJ5D-1u	D.I Water	40	After start
Final	PR5X-500-85	XF5D	D.I Water	40	After start

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■ Polishing Performance

Condition

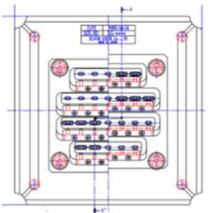
Sample : N = 47 plugs (94 ferrules)
 Holder : PH55-SN-24
 Polisher : SFP-550C

Result

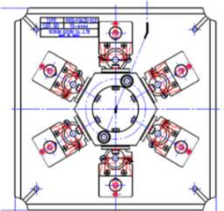
	Ferrule radius (mm)	Fiber undercut (nm)	Apex offset (um)
AVE	8.2	15.8	12.0
STD	1.5	8.1	6.1
MAX	13.6	32.5	35.7
MIN	3.2	-27.3	0.8
MAX-MIN	10.4	59.8	34.9

■ Product Availability

Plug Polishing Holder

Plug Polishing		P/N	Description	Image
SN	PC	PH55-SN-24	IPC holder for SN plug, 24-plugs (48 ferrules), Plate spring type IPC, Liner layout	

Ferrule Polishing Holder

Ferrule Polishing		P/N	Description	Image
CS SN Ferrule	PC	PH55-F0420-910	IPC holder for CS and SN ferrule, 24-ferrules (12 two-fiber-cables), Plate spring type IPC with CMH Circular layout	
CS SN Ferrule	PC	PH55-F0420-900	IPC holder for CS and SN ferrule, 64-ferrules (32 two-fiber-cables), Plate spring type IPC with CMH, Circular layout	