

## TECHNICAL REPORT

Form: 4-Pr-007-4-Fo-0006

Version: 02

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Record No (get by EIC program): 4-Pr-007-4-Fo-0006-4-RC-0271

Date: 19-Sep-2024

Report title: Report Cross section for Trillian FAU -cap Assy\_Pre-build (PNJHE-1321-25-09B)\_MACHINE 1\_SEP-24

Prepared by: DienDC

Checked by: LyHC

Reviewed by Technical Advisor  
(if any)

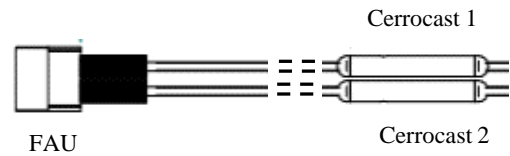
NA

Approved by: ChienPH

## I. Background:

- CNC request cross section of cerrocast.
- FOV follow spec PNJHE-1321-25-09B to make cross section report for Trillian FAU
- Information:

- + Product code: LLT0029
- + PO: hac-240702-00083-5
- + Spec: PNJHE-1321-25-09B
- + Seri No. : 2400383785-00001
- + Date make cerrocast: 10-Sep-24
- + Cerrocast machine No.01

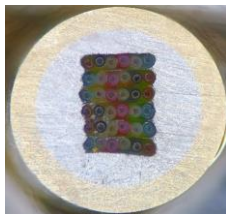
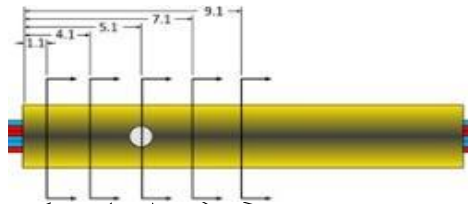
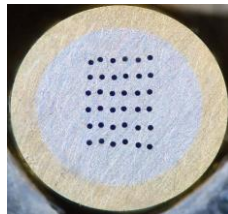


## II. Conclusion:

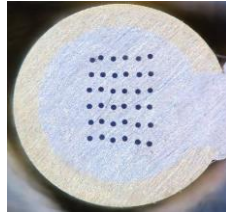
- All colors of fiber are correct with spec.
- Process capability is high: No faulty alignment and adequate tension during the cerrocast process.
- Leak test result is good (before cross section)

## III. Analysis (Yield ratio, Productivity, Cpk, Process Reliability, product's reliability...):

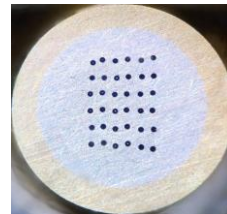
## 1) Cross section cerrocast 1

Fiber with UV  
coating

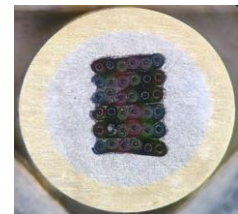
Bare fiber



Bare fiber

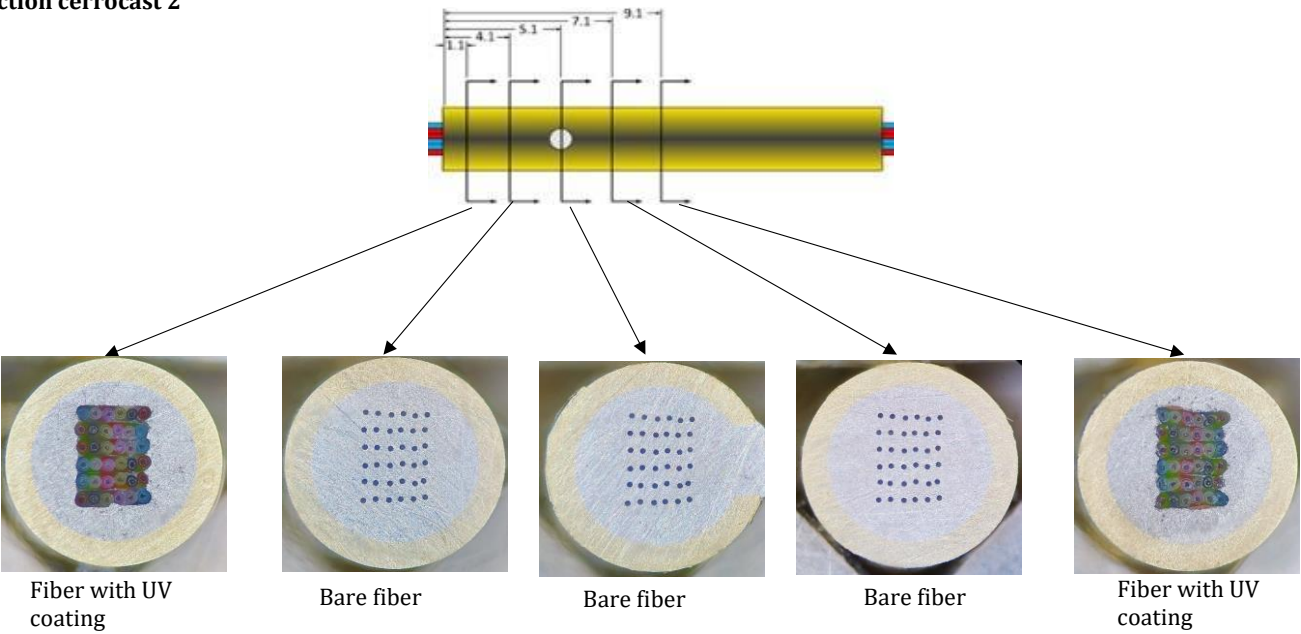


Bare fiber

Fiber with UV  
coating

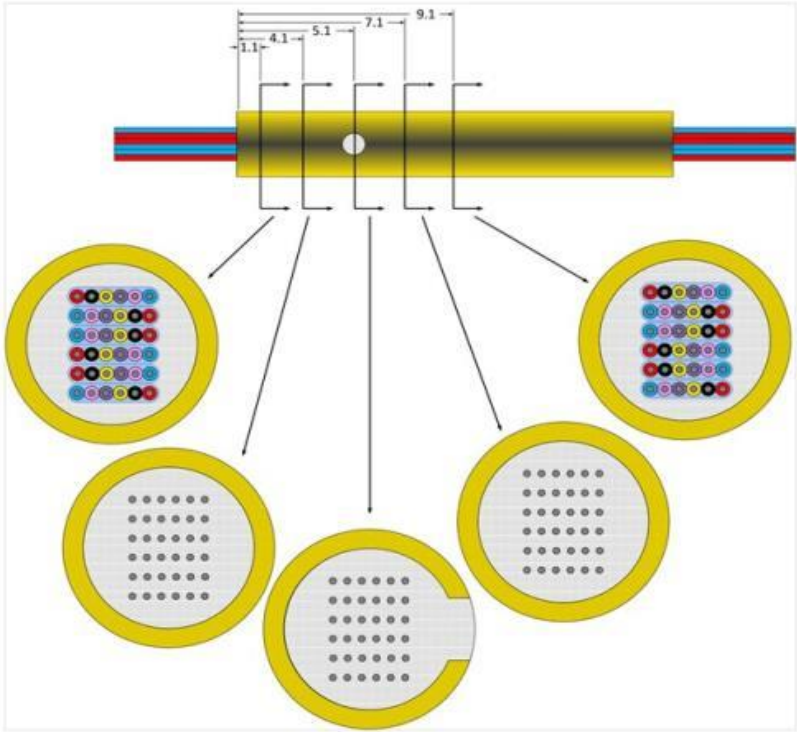
		Location of required				
		1.1 (mm)	4.1 (mm)	5.1 (mm)	7.1 (mm)	9.1 (mm)
Evaluation items	Stripping position	OK	OK	OK	OK	OK
	Fiber misalignment /crowding	None	None	None	None	None
	Micro cracks	None	None	None	None	None
	Edge voiding	None	None	None	None	None
	Judgment (OK/NG)	OK	OK	OK	OK	OK

2) Cross section cerrocast 2



		Location of required				
		1.1 (mm)	4.1 (mm)	5.1 (mm)	7.1 (mm)	9.1 (mm)
Evaluation items	Stripping position	OK	OK	OK	OK	OK
	Fiber misalignment /crowding	None	None	None	None	None
	Micro cracks	None	None	None	None	None
	Edge voiding	None	None	None	None	None
	Judgment (OK/NG)	OK	OK	OK	OK	OK

IV. Appendix standardization (revised quality documentation):  
Location of required cross-sectional images and illustration of cross-section appearance



V. Others:

PRE2 controlled