Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: North America
Global Technical Committee: Physical Interfaces & Carriers
TC Chapter Cochairs: Matt Fuller/Entegris, Melvin Jung/Intel
Standards Staff: Laura Nguyen

	Scheduled in Background Statement	Actual
Date	12/11/2025	12/11/2025
Location	OVTCCM	OVTCCM
Reason for Change of Date and/or Location (if changed)		

Note: See *Regulations* ¶ 9.5 Exceptions for allowable reason to change.

I. Document Number and Title

Document Number	Document Title
7194	New Standard: Specification for 300 mm Film Frame FOUP Load Port

II. Tally

Standards staff to fill in.

Voting Tally: As-cast tally after close of voting period

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.6.2.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	51	÷	81	=	63.0%	≥60%
Intercommittee Ballot	27					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	52					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

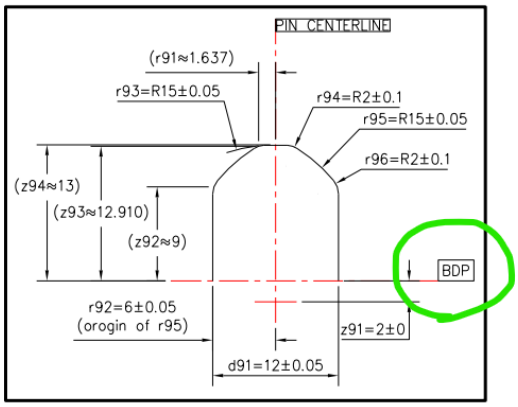
III. Rejects
None

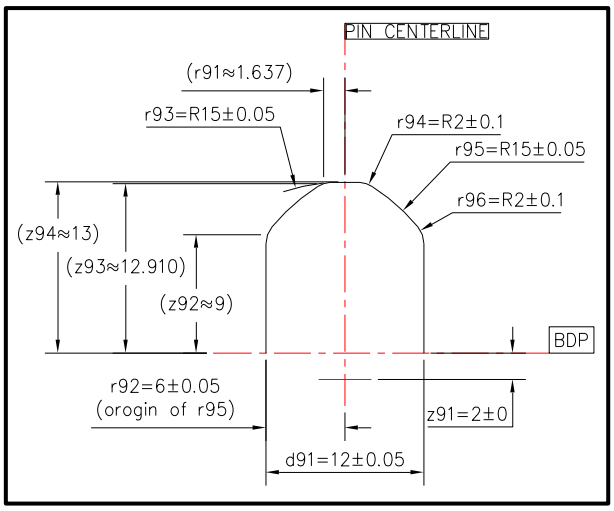
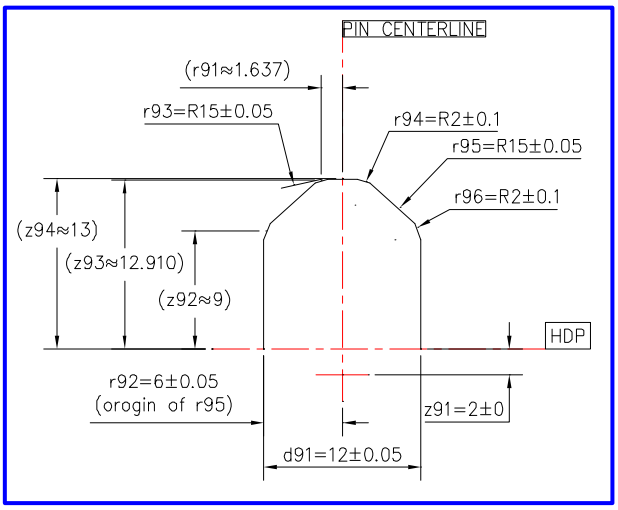
IV. Other Technical Issues
None

V. Comments

V- (i) Voters' Comments

Commenter 1 (Atsushi Suzuki / SINFONIA TECHNOLOGY) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.		
	BDP should be supposed to HDP in Figure 4.  **Figure 4** **KC Pin Shape**		
Action	**The TC Chapter agreed to do one of the following actions.**		
	*No motion is required in this step.		
		Already addressed by Commenter #, Comment #	
		No further action was taken by the TC Chapter.	
		Refer to the TF for more consideration.	
		New Business	
	X	Editorial Change	
	Options for editorial change (check one)		**Case 1: No vote in this section:**
			To be included and voted on as a group in § VI. *Editorial Changes Other than Those Voted on in § V.*
		X	**Case 2: Voted in this section:**
			Original section number and at least one full sentence are required in "FROM" and "TO" fields.

Editorial Changes	1	**FROM: Section/Paragraph Figure 4**  **Figure 4** **KC Pin Shape** **TO: Section/Paragraph Figure 4**  **Figure 4** **KC Pin Shape**

Justification (If necessary)

Editorial in nature, BDP is a typo and it should be HDP to align with Section 7.3 text and table 2 dimensions.

7.3 *Empirical Determination of Datum Plane Locations* — Given a set of three primary or secondary KC pins, the datum planes should be determined as follows. The two pins that are closest together are the front pins which (along with a known vertical direction) define a Cartesian coordinate system. The center axis line of each pin is defined to be the vertical line whose *x* (left-right) coordinate is the average of the maximum protrusions of the pin to the left and to the right and whose *y* (front-back) coordinate is the average of the maximum protrusions of the pin to the front and to the back. The BDP is defined to be the vertical plane that contains the center axis line of the rear pin and that is equally distant from the center axis lines of the front pins. The FDP is defined to be the vertical plane that is perpendicular to the BDP and whose distance to the center axis line of the rear pin is 1.5 times the average of the distances to the center axis lines of the front pins. The HDP is defined to be the horizontal plane that is 13 mm below the average of the heights of the highest and lowest pin tops. Once these datum planes have been determined, the three KC pins can be evaluated to see if they conform to § 7.1 and § 7.2 of this Specification.

Table 2 KC Pin Dimensions

Dimension	*Figure(s)*	*Value Specified*	*SEMI E57 Value (reference only)*	*Notes*
r95	3	15 ± 0.05 mm	15 ± 0.05 mm	Radial distance from the intersection of the HDP and *r92* to the far shoulder of the pin.
z91	3	2 mm	2 mm	Vertical distance from the HDP to the origin of top radius *r93*.

Motion	To approve above editorial change(s)
Motion by/2nd by	By: Stefan Radloff / Intel Second: Shoji Komatsu / Acteon NEXT LLC
Discussion	Q to MM: Can it be done editorially? MM Response: Correct.
Vote	6 **Y** 0 **N**; Motion passed.

V-(ii) Comments Created by Handling Negative

None

VI. Editorial Changes Other than Those Voted on in § V

None

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations* ¶ 9.6.2.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.6.2.1.3)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	52	/	52	=	100.0%	≥90%

VII. – (ii) Approval Level (check one)

Note: See *Regulations* § 9.6.2 for further information.

X	**Globally Approved (No Ratification Ballot needed):** **The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.**

VIII. Safety Check

Note: See *Regulations* § 15 for further information.

Motion	X	**This is not a Safety Document**, when all safety-related information is removed, the Document is still technically sound and complete. (*Regulations* ¶ 8.7.1)
Motion by/2nd by		By: Shoji Komatsu / Acteon NEXT LLC Second: Stefan Radloff / Intel
Discussion		None
Vote		8 **Y** 0 **N**; Motion passed

IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check applies to the entire Standard or Safety Guideline*. See *Regulations* § 16 for further information.

X	The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see *Regulations* ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see *Regulations* ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, *Regulations* § 8.8)		
	X	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	**GO TO SECTION X.**

X. Action for This Document

Motion	X	This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
Motion by/ 2nd by		By: Shoji Komatsu / Acteon NEXT LLC Second: Melvin Jung / Intel Corporation
Discussion		None
Vote		7 **Y** 0 **N**
Final Action	X	Motion passed
		Motion failed

Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.