

Procedural Review Voting Sheet

Editorial Change(s) to a published Standard or Safety Guideline (Independently from a Letter Ballot)

REGION/LOCALE: **Japan**

GLOBAL TECHNICAL COMMITTEE: **Physical Interfaces & Carriers**

EVENT: **Japan Standards Spring Meetings**

DATE OF MEETING: **5/21/2026**

PLACE OF MEETING: **OtemachiPLACE HALL & CONFERENCE & OVTCCM (Hybrid)**

TC CHAPTER CO-CHAIRS: **Tsuyoshi Nagashima/ Miraial, Daisuke Sado/ EAGLE INDUSTRY, Yasuhisa Ito/ Murata Machinery**

SEMI STANDARDS STAFF: **Takeaki Hirabara**

I. Document Title

Document Title

SEMI E100-1104 SPECIFICATION FOR A RETICLE SMIF POD (RSP) USED TO TRANSPORT AND STORE 6 INCH OR 230 mm RETICLES

II. Type 2 Editorial Change

Editorial changes that meet the requirements of the Regulations (see *Regulations* ¶¶ 8.9.4 & 8.9.5) are approved by a simple majority vote in a regularly scheduled meeting of the TC Chapter. [See PM 2.11.4]

Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.

	FROM: Section/Paragraph
1	<p>2.3 The RSP has the following components, subcomponents, and other features. A ‘●’ symbol indicates components or features which are <i>required</i> and a ‘◇’ symbol indicates components or features which are <i>optional</i>.</p> <p>< partially omitted ></p> <ul style="list-style-type: none">● Bottom<ul style="list-style-type: none">● door compatible with SMIF as defined in SEMI E19.4● pod latch-pin holes● features which mate with kinematic coupling pins● carrier sensing pads as defined in SEMI E1.9

	<p>TO: Section/Paragraph</p> <p>2.3 The RSP has the following components, subcomponents, and other features. A ‘●’ symbol indicates components or features which are <i>required</i> and a ‘◇’ symbol indicates components or features which are <i>optional</i>.</p> <p>< partially omitted ></p> <ul style="list-style-type: none"> ● Bottom <ul style="list-style-type: none"> ● door compatible with SMIF as defined in SEMI E19.4 ● pod latch-pin holes ● features which <u>interface</u> mate with kinematic coupling pins ● carrier sensing pads as defined in SEMI E1.9
	<p>Justification: (If necessary)</p> <p>This is a correction to the issues pointed out in Proof.</p> <p>The term “mate” is a biased term and needs to be corrected.</p>
2	<p>FROM: Section/Paragraph</p> <p>6.9 <i>Kinematic Coupling</i> — The RSP door must have the capability of registering on the kinematic pins defined in SEMI E57. The features that <u>mate</u> with the pins must provide a lead-in capability that corrects an RSP misalignment no greater than <i>r19</i> in any horizontal direction. However, it is recommended that robots placing RSPs on kinematic couplings use as little of this lead-in capability as possible to avoid wear.</p> <p>TO: Section/Paragraph</p> <p>6.9 <i>Kinematic Coupling</i> — The RSP door must have the capability of registering on the kinematic pins defined in SEMI E57. The features that <u>interface</u> mate with the pins must provide a lead-in capability that corrects an RSP misalignment no greater than <i>r19</i> in any horizontal direction. However, it is recommended that robots placing RSPs on kinematic couplings use as little of this lead-in capability as possible to avoid wear.</p> <p>Justification: (If necessary)</p> <p>This is a correction to the issues pointed out in Proof.</p> <p>The term “mate” is a biased term and needs to be corrected.</p>
Motion	To approve the above editorial change(s).
Motion by/ 2nd by	Shoji Komatsu (Acteon NEXT LLC)/ Satoshi Odashima (Shin-Etsu Polymer Co., Ltd.)
Discussion	None
Vote	Result: 11-Y 0-N Voting Result: Pass - 100.00%; If Y > 50% Motion <u>passes</u> , GO TO III

III. 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. (<i>Regulations</i> ¶ 8.7.1)
		This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)
		Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2)
Motion by/2 nd by		Shoji Komatsu (Acteon NEXT LLC) Satoshi Odashima (Shin-Etsu Polymer Co., Ltd.)
Discussion		None
Vote		Result: 13-Y 0-N Voting Result: Pass - 100.00%

IV. Intellectual Property Check

Note: This Document 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 <i>Regulations</i> ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations</i> ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, <i>Regulations</i> § 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 V.		
	The question is answered in affirmative	Is any of the known IPs a patented technology?	Yes, at least one of them is a patented technology	GO TO IV (a) “Patented Technology” subsection
			No	GO TO IV (b) “Copyright items” subsection

IV (a) Patented Technologies subsection

IV (a1) Total numbers of Patented Technologies to be dealt with

# Fill number	(l) Known Patented Technology that might be relevant to the Standard/Safety Guideline	# Fill number	(m) Number of patented technologies first became known to the TC Chapter on or after the day of the issuance of this Letter Ballot	Postpone assessment of such patented technologies to be performed at the next scheduled TC Chapter meeting.
		# Fill number	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	GO TO IV (a2)

IV (a2) Assessment of disclosed patented technologies

Disclosed patented technology #1 (Brief description, e.g., patent title and number):			Date of Assessment (If different from the date of Letter Ballot adjudication) MM/DD/YYYY		
Is disclosed patented technology #1 found to be "might be material" to the Standard/Safety Guideline?		YES (It is a PMPT)	Is the use of this PMPT technically justified?		YES PROCEED to assess NEXT one, or if this is the last one, GO TO IV (a3)
					NO The Document is failed and returned to the TF
		NO	No further action is needed for patented technology #1		

This table is needed for each disclosed patented technology.

IV (a3) LOA status check of PMPT of which inclusion assessed to be justified

LOA Status of PMPT #1					
Has an LOA for this patented technology been received from every owner ?		YES	PROCEED to check NEXT one, or if this is the last one, GO TO IV (b)		
		NO	MOTION	Ask ISC for special permission to publish.	The Document is failed and returned to the TF
				Quit activity.	
				Wait for LOA	PROCEED to check NEXT one, or if this is the last one, GO TO IV (b1)
			Motion by/ 2nd by	Name (Company)/Name (Company)	
			Discussion	XXXX	

	Vote	XX Y-XX N; Motion passed (or failed)
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This table is needed for each PMPT of which inclusion assessed to be justified.

IV (b1) Total numbers of copyrighted items to be dealt with

# Fill number	(o) Known copyrighted items that are used or reproduced to the Standard/Safety Guideline	o > 0	There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline	GO TO V (b2)
		o = 0	There is no disclosed copyrighted item	GO TO V (c)

IV (b2) Assessment of disclosed copyrighted items

Disclosed copyrighted item #1 <i>(Brief description of its use in the Document):</i>					
Is disclosed copyrighted item #1 used or reproduced in the Standard/Safety Guideline?		YES	Is the use/reproduction of this copyrighted item technically justified?	YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IV (b3)
				NO	The Document is failed and returned to the TF
		NO	No further action is needed for copyrighted item #1		

This table is needed for each disclosed copyrighted item.

IV(b3) Copyright release status check of copyrighted item of which inclusion assessed to be justified

Copyright release Status of copyrighted item #1					
Has the copyright release been received from its owner ?		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IV (c)		
		MOTION		Ask ISC for special permission to publish.	
				Quit activity.	The Document is failed and returned to the TF
				Wait for copyright release letter	PROCEED to check NEXT one, or if this is the last one, GO TO IV (c)

	Motion by/ 2nd by	Name (Company)/Name (Company)
	Discussion	XXXX
	Vote	XX Y-XX N; Motion passed (or failed)

This table is needed for each copyrighted item of which use/reproduction assessed to be justified.

IV (c) Assessment of disclosed (identified) trademark

Is there any trademark in the Standard/Safety Guideline?		YES	Is every instance of trademark use technically justified?	YES	GO TO IV (d)
				NO	The Document is failed and returned to the TF
		NO	GO TO IV (d)		

IV (d) IP check completion condition check

The co-chair checks if any Patented Technologies first become known to the TC Chapter on or after the day of the issuance of this Letter Ballot? i.e., m>0 in IV(a1)		YES	Sections V(a2) and V(a3) shall be completed and recorded for such patented technologies at next scheduled meeting of the TC Chapter. Until then, the TC Chapter shall NOT go to V (making motion to pass/fail this Document) (see Regulations ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.
		NO	GO TO V

V. Action for this Document

Motion	<input checked="" type="checkbox"/>	This Document passed TC Chapter review and will be forwarded to the ISC A&R SC for procedural review.
	<input type="checkbox"/>	This Document failed TC Chapter review and will be returned to the TF for rework.
	<input type="checkbox"/>	This Document failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by	Shoji Komatsu (Acteon NEXT LLC)/ Satoshi Odashima (Shin-Etsu Polymer Co., Ltd.)	
Discussion	None	
Vote	Result: 14-Y 0-N Voting Result: Pass - 100.00%	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed