Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: Japan Global Technical Committee: PI&C TC Chapter Cochairs: Tsuyoshi Nagashima / Miraial, Daisuke Sado / Daihen, Yasuhisa Itou / Murata machinery Standards Staff: Chie Yanagisawa

	Scheduled in Background Statement	Actual
Date	04/15/2020	09/10/2020
Location	SEMI Japan office, Tokyo	SEMI Japan office, Tokyo
Reason for Change of Date and/or Location (if changed)	In response to Tokyo municipal govern home, SEMI Japan has decided not to h the SEMI Japan office until the end of A postpone and reschedule PI&C Japan	nost any face-to-face meetings at April. SEMI Japan also decided to

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

I. Document Number and Title

Document Number	Document Title
6620	New Subordinate Standard – SPECIFICATION FOR PANEL FOUP FOR 510 to 515 mm PANEL SIZE and 6
	SLOTS

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 Interest: **Returned Votes** Distribution **Return Rate** 65.0% **Letter Ballot** 52 ÷ 80 ≥60% = Intercommittee Ballot 36 Voting Interest Reject(s) 3 **Total Voters with Rejects** 3 Voting Interest Accept(s) 36

Voting Tally (with example values):

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

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: TEL) Voter Reject 1 (Voter: Supica Mashiro/Tokyo Electron Ltd.) Negative 1

neg	ative 1								
	Referenced Section/	*TF/TC Chapter to fill in	n, including text in the ballot if nec	essary.					
	Paragraph	Procedural issue							
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.							
ative	Negative Text	"Not providing start time of the TC Chapter Meeting in which the Letter Ballot Review will" "be conducted is not appropriate. This could put people from distant location (e.g., 4hours of traveling) in disadvantage for participating the Review). Essential information for all the people who intend to participate the Review to make it should be given." "Delay of scheduled start time or early ending in actual meeting wouldn't be a problem, as" it would not have impact on members' rights on participation.							
TFi	input <mark>(optional)</mark>								
	Withdrawal		awal made by Voter.	GO TO "Related" subsection					
	(check one)	X Withdrawal docume 09/04/2020.	ent received by Standards staff on	GO TO "Final" subsection \rightarrow (A)					
	Motion and	'Related' is mutually	/ agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection					
	Reason	Negative is not rela	ted. (Needs ≥2/3 votes to pass.)						
	(check one)	Reason	XXXX						
Reli	Motion by/ 2 nd by	Name (Company)/Name	e (Company)						
Related	Discussion								
		XX Y-XX N; Motion pas	sed/failed.						
	Result of Vote (check one)	[Negative is not rela	ated.] < 2/3	GO TO "Persuasive" subsection					
		2/3 ≤ [Negative is n	ot related.]	GO TO "Final" subsection \rightarrow (B)					
	Motion and	Negative is related	and persuasive. <mark>(Needs >1/3 votes</mark>)	to pass.)					
Pe	Reason (check one)	Negative is related	and not persuasive. <mark>(Needs ≥2/3 vo</mark> t	tes to pass.)					
Persuasive	·	Reason	xxxx						
ve	Motion by/ 2 nd by	Name (Company)/Name	e (Company)						
	Discussion								
		XX Y -XX N ; Motion pase	sed/failed.						

	(ch Tech Origi	nica nal		[Ne personand 2/3 and 90% and ge Recor	suasi gativ suasi $\leq [Neil not]6 \leq [Neil not]nmei$	gative is related and suasive.] > 1/3Is a technical change recommended?YGO TO "Address by Technical Change Option" subsectiongative is related and not suasive.] < 2/3							
	fields. FROM: Section/Paragraph XXX												
				ction/Pa									
	-	1			•	-							
	echn		Justific	ation (If	nece	essary)							
	Technical Changes		FROM:	FROM: Section/Paragraph XXX									
Address by Technical Change	anges	2	TO: Se	ction/Pa	tion/Paragraph xxx								
s by Te			Justific	ation (If	nece	essary)							
chni	Motic	on			Neg	ative is addressed by	y the technical cha	nge(s)).				
ical (Motic	on b	oy/2 nd by	/	Name (Company)/Name (Company)								
Chan	Discu	ussi	ion										
ıge					XX '	Y-XX N; Motion pass	XX Y -XX N ; Motion passed/failed.						
Opti	Result of Vote					2/3 ≤ [Negative is addressed by the techni change(s).]							
ion			sult of V <mark>heck on</mark>			change(s).]	-		subsection				
on							-		Technical Change"				
on		(c			To i	change(s).] [Negative is not add	ressed by the tech		Technical Change" subsection GO TO "Final" subsection				
		(c Mo	heck on	e)		change(s).] [Negative is not add change(s).] < 2/3	ressed by the tech nical change(s).		Technical Change" subsection GO TO "Final" subsection				
		(c Mo Mo	heck on	e) 2 nd by		change(s).] [Negative is not add change(s).] < 2/3 ncorporate the tech	ressed by the tech nical change(s).		Technical Change" subsection GO TO "Final" subsection				
		(c Mo Mo	heck on tion tion by/	e) 2 nd by	Nam	change(s).] [Negative is not add change(s).] < 2/3 ncorporate the tech	ressed by the tech nical change(s). (Company)		Technical Change" subsection GO TO "Final" subsection				
		(c Mo Dis	heck on tion tion by/ scussior Result o	e) 2 nd by 1 f Vote	Nam	change(s).] [Negative is not add change(s).] < 2/3 ncorporate the tech ne (Company)/Name	ressed by the tech nical change(s). (Company) ed/failed.		Technical Change" subsection GO TO "Final" subsection → (E) GO TO "Final" subsection → (F)				
		(c Mo Dis	heck on tion tion by/2 scussior	e) 2 nd by 1 f Vote	Nam	change(s).] [Negative is not add change(s).] < 2/3 ncorporate the tech ne (Company)/Name Y-XX N; Motion pass	ressed by the tech nical change(s). (Company) ed/failed. orporate.]		Technical Change" subsection GO TO "Final" subsection → (E) GO TO "Final" subsection				
	Incorporation of the Technical Change	(c Mo Dis	heck on tion scussior Result o (check	e) 2 nd by n f Vote one) be used	Nam XX ` only	change(s).] [Negative is not add change(s).] < 2/3 ncorporate the tech ne (Company)/Name Y-XX N; Motion pass 90% ≤ [Agree to incorpo	ressed by the tech nical change(s). (Company) ed/failed. orporate.] prate.]>10% finds a Negative r	nnical	Technical Change" subsection GO TO "Final" subsection → (E) GO TO "Final" subsection → (F) GO TO "Final" subsection → (F) GO TO "Final" subsection → (E) ersuasive by a vote equal to or				

	Use of "Not significant finding option" (check one)		It is mutually agreed upon to term the Negative "significant".GO TO "Final" subsection → (C)Whether or not the Negative is "not significant" is decided by a vote.						
	Motion The Negative is "not significant".								
	Motion by/ 2 nd by	Nan	ne (Company)/N	Name (Company)					
	Voto		XX Y-XX N; M	otion passed with simple majority	GO TO "Final" subsection \rightarrow (D)				
	Vote		XX Y-XX N; M	otion failed with simple majority	GO TO "Final" subsection \rightarrow (C)				
		Х	(A)	Withdrawn (counted under h in d	isposition)				
			(B)	Not related (counted under i in di	sposition)				
	(check if		(C)	Related and not persuasive (signifi	icant)				
Final	applicable)		(D)	Not significant (counted under j ir	n disposition)				
Ial			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS				
			(F)	Addressed by technical change (co	ounted under k disposition)				
	(check if applicable)		Comment gen	erated. See Section V-(ii) Comment #	¢Χ.				

Negative 2

		1							
	Referenced Section/		•	ncluding text in the ballot if nec	essary.				
	Paragraph	1 and 2							
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. Negative/ It is unclear what is different in this Subordinate Standard from the Primary Standard. Rewrite section 1 and 2 to conform PM 3.8.3.2							
tive	Negative Text	Just PM disti PM its d cove	ification requires the purpose an nction from the Primary 3.8.3.2 A Subordinate S istinction from the Prima	ation Juires the purpose and scope section of a Subordinate Standard to define its ion from the Primary Standard. 0.3.2 A Subordinate Standard requires its own purpose and scope sections to define nction from the Primary Standard and to specify the technical area that the Standard and may or may not contain all of the required sections to conform to the required					
TF	input <mark>(optional)</mark>								
	Withdrawal	х	X No Negative withdrawal made by Voter.		GO TO "Related" subsection				
	(check one)		Withdrawal document r MM/DD/YYYY.	eceived by Standards staff on	GO TO "Final" subsection \rightarrow (A)				
	Motion and	х	X 'Related' is mutually agreed upon. (Needs no motion		GO TO "Persuasive" subsection				
R	Reason		Negative is not related.	(Needs ≥2/3 votes to pass.)					
Related	(check one)		Reason	xxxx					
	Motion by/ 2 nd by	Nam	ne (Company)/Name (Co	ompany)					

	Di	scu	ssion								
				XX Y	Y-XX N; Motion passed	/failed					
			of Vote k one)		[Negative is not related	.] < 2/	/3			GO TO "Persuasive" subsection	
					2/3 ≤ [Negative is not r	elated	.]			GO TO "Final" subsection → (B)	
	NA		n and	х	Negative is related and	o pass.)					
		Rea	son son		Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)						
					Reason	xxx	K				
P		otic 2 nd	on by/ by	Sho	ji Komatsu (Acteon) / Ts	sukasa	a Fukunaga (Shin-I	Etsu	Poly	mer)	
ersu	Di	scu	ssion	Non	e						
Persuasive				7 Y-	0 N; Motion passed.						
ve	Ros	Result of Vote		х	[Negative is related and persuasive.] > 1/3		Is a technical change recommended?	Х	Y	GO TO "Address by Technical Change Option" subsection	
	(check one)				[Negative is related and not persuasive.] < 2/3		(check one)		Ν	GO TO "Final" subsection → (E)	
					2/3 ≤ [Negative is relate and not persuasive.] <		GO TO "Final" s	ubse	ectio	n → (C)	
					and not persuasive.			ant F	Finding Option" subsection		
		inal			ecommendations Igraph number and at	least	one full sentence	are	requ	ired in "FROM" and "TO"	
			FROM:	Sect	ion/Paragraph 1.1						
Addre					se of this Document is to ort and store Panels.	establi	sh basic physical dir	nensi	ions f	for the Panel FOUP intended to be	
l ss		1	TOLSO	otion	/Paragraph 1.1						
y T		ľ				uite of	standards purpose of	this	Doci	ment is to establish basic physical	
echr	Fech				r the Panel FOUP intended						
nical (Technical		Justific	atio	n (If necessary)						
Cha	Cha		FROM:	Sect	ion/Paragraph 2.1						
Address by Technical Change Option	Changes			is Document specifies the Panel FOUPs by the relevant SEMI Standard (SEMI Draft Docum $n \times 515$ mm panel and 6 slots.						l (SEMI Draft Document 6618) for	
tion		2	TO: Se	ction	/Paragraph 2.1						
			<u>mm x 51</u>	5 mn	n panel. Common dimensi	ions ar	re defined in the Prin	nary	Stan	ion of 6-slots Panel FOUP for 510 dard. This Document specifies the	
Panel FOUPs by the relevant SEMI Standard (SEMI Draft Document 6618) for solution standard (SEMI Draft Document 6618) for solution solutions.)18)1	for 510 mm × 515 mm panel and 6	

		Justific	ation <mark>(If</mark>	nec	essary)					
	Motic	on l		Neg	ative is a	dressed by the technical change(s).				
	Motic	on by/2 nd by	/	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)						
	Discussion				none					
					-	on passed				
				6 Y-0 N; Motion passed			GO TO "Incorporation of the			
	Result of Vote (check one)			X	2/3 ≤ [Ne change(s	egative is addressed by the technical []	Technical Change" subsection			
					[Negative change(s	e is not addressed by the technical b).] < 2/3	GO TO "Final" subsection \rightarrow (E)			
	_ _	Motion		To i	ncorporat	te the technical change(s).				
	icor fect	Motion by/	2 nd by	Sho	ji Komats	u (Acteon) / Tsukasa Fukunaga (Shin-	Etsu Polymer)			
	por	Discussior	۱	non	е					
	atio al C			7 Y-	0 N; Motio	on passed	7			
	Incorporation of the Technical Change	Result o (check		x	90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection \rightarrow (F)			
	he le	(0.000)			[Disagree	e to incorporate.]>10%	GO TO "Final" subsection \rightarrow (E)			
Not Sig		It is				g on the action". (<i>Regulations</i> ¶ 9.6. ed upon to term the Negative "not	GO TO "Final" subsection → (D)			
Not Significant	siq findi	gnificant ng option" leck one)	lt is "sig	<u> </u>		ed upon to term the Negative	GO TO "Final" subsection → (C)			
t Finding			Wh	Whether or not the Negative is "not significant" is decided by a vote.						
ding	I	Motion	The Neg	gative is "not significant".						
ų		otion by/ 2 nd by								
		Vote	xx	Y-X>	KN; Motio	n passed with simple majority	GO TO "Final" subsection \rightarrow (D)			
		VOLE	xx	Y-X>	KN; Motio	n failed with simple majority	GO TO "Final" subsection \rightarrow (C)			
				(A)	Withdrawn <mark>(counted under h in disp</mark>	oosition)			
				(B)	Not related (counted under i in disp	osition)			
	((check if		(C)	Related and not persuasive (signification	nt)			
Fina		plicable)		(D)	Not significant <mark>(counted under j in d</mark>	isposition)			
a					E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS			
			Х	(F)	Addressed by technical change (cou	nted under k disposition)			
		check if plicable)	Cor	nme	nt genera	ted. See Section V-(ii) Comment # X.				

	Referenced	*TF/TC Chapter to fil	l in, includi	ng text in the bal	lot if	nec	essary.					
	Section/	2.1										
	Paragraph											
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.										
lativ		Negative/										
ו י	Negative Text	Unpublished Documer	nt shall not l	be referred								
		Suggestion										
		Referring to "the Prima as a Subordinate Star					cument is under developmen					
TF in	out (optional)											
							GO TO "Related"					
w	ithdrawal	X No Negative with	drawal mad	e by Voter.			subsection					
(c)	heck one)	Withdrawal docur MM/DD/YYYY.	ment receive	ed by Standards s	taff or	۱	GO TO "Final" subsection \rightarrow (A)					
		X 'Related' is mutua	ally agreed u	upon. <mark>(Needs no r</mark>	notio	n.)	GO TO "Persuasive" subsection					
	Motion and Reason	Negative is not re	elated. (Nee	ds ≥2/3 votes to _l	oass.))						
	(check one)	Reason	XXXX	<								
_ -	Motion by/											
Related	2 nd by											
ted	Discussion											
		XX Y-XX N; Motion pa	assed/failed									
F	Result of Vote	[Negative is not re	GO TO "Persuasive"									
	(check one)		subsection GO TO "Final" subsection									
		2/3 ≤ [Negative is	not related	.]			\rightarrow (B)					
		X Negative is relate	ed and persu	uasive. <mark>(Needs >1</mark> /	/3 vot	es t	to pass.)					
	Motion and Reason	Negative is relate	d and not n	ersuasive. (Needs	: >2/3	vot	es to pass)					
	(check one)	riegative is relate				101						
		Reason	XXXX	<								
Per	Motion by/ 2 nd by	Shoji Komatsu (Acteor	n) / Tsukasa	a Fukunaga (Shin-	Etsu F	Poly	rmer)					
Persuasive	Discussion	None										
sive		6 Y-0 N; Motion passe	ed									
	Result of Vote	X [Negative is relate persuasive.] > 1/3		Is a technical change recommended?	x	Y	GO TO "Address by Technical Change Option subsection					
	(check one)	[Negative is relate persuasive.] < 2/3		(check one)		Ν	GO TO "Final" subsection \rightarrow (E)					
		2/3 ≤ [Negative is	related	GO TO "Final" s	ubse	ctio						
		and not persuasiv		GO TO "Final" s	ubse	ctio	$n \rightarrow (C)$					

I	I			90%	i] > ۵	Negative is related						
				and	not	persuasive.]	Finding Option" subsection					
						ndations	vised in "EDOM" and "TO"					
	fields		section/	paragra	on n	umber and at least one full sentence are requ						
			FROM: \$	Section/	Para	graph 2.1						
						cifies the Panel FOUPs by the relevant SEMI Standard el and 6 slots.	d (SEMI Draft Document 6618) for					
Address by Technical Change Option	Technical Changes		2.1 <u>This</u> Panel F Standard Draft D Justific FROM: S	TO: Section/Paragraph 2.1 2.1 This document specifies the dimensions that are specific to the combination of 6-s Panel FOUP for 510 mm x 515 mm panel. Common dimensions are defined in the Prin Standard. This Document specifies the Panel FOUPs by the relevant SEMI Standard (SI Draft Document 6618) for 510 mm × 515 mm panel and 12 slots. Justification (If necessary) FROM: Section/Paragraph XXX TO: Section/Paragraph xxx								
ect												
Inic			Justification (If necessary)									
ial (
Chai	Motic	on			Negative is addressed by the technical change(s).							
nge	Motic	on b	y/2 nd by	/	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)							
Q	Discu				the technical change that was incorporated to address Negative 2 can also							
tior	DISCU	1991			address this Negative.							
					6 Y-0 N; Motion passed							
			sult of Vo heck on		X	$2/3 \le [Negative is addressed by the technical change(s).]$	GO TO "Incorporation of the Technical Change" subsection					
						[Negative is not addressed by the technical change(s).] < 2/3	GO TO "Final" subsection → (E)					
	. =	Мо	tion		To i	ncorporate the technical change(s).						
	1cor Fect	Мо	tion by/2	2 nd by	Sho	ji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-	Etsu Polymer)					
	por	Dis	cussion)	non	е						
	atio al C				<mark>6</mark> Y-	0 N; Motion passed						
	Incorporation of the Technical Change	1	Result of (check		X	90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)					
						[Disagree to incorporate.]>10%	GO TO "Final" subsection → (E)					
Not Fin						I "if the TC Chapter finds a Negative not persons voting on the action". (<i>Regulations</i> ¶ 9.6)						
: Sign ding (Us	e of	"Not		mut ifica	ually agreed upon to term the Negative "not nt".	GO TO "Final" subsection \rightarrow (D)					
Not Significant Finding Option	sig findi	gnif ng (icant option"		mut nifica	ually agreed upon to term the Negative ant".	GO TO "Final" subsection → (C)					
	(check one) Organization Whether or not the Negative is "not significant" is decided by a vote.											

	Motion	The Ne	gative is "no	ot significant".				
	Motion by/ 2 nd by							
	Voto	XX	(Y-XXN;M	otion passed with simple majority	GO TO "Final" subsection \rightarrow (D)			
	Vote	xx	(Y-XXN;M	otion failed with simple majority	GO TO "Final" subsection \rightarrow (C)			
			(A)	Withdrawn (counted under h in d	lisposition)			
			(B)	Not related (counted under i in d	isposition)			
	(check if		(C)	Related and not persuasive (signif	ficant)			
Final	applicable)		(D)	Not significant (counted under j i	n disposition)			
ıal			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS			
		Х	(F)	Addressed by technical change (c	ounted under k disposition)			
	(check if applicable)	Co	Comment generated. See Section V-(ii) Comment # X.					

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

3	Original	num	ber (#) of Negatives	(g)			
1	Number	of N	egatives withdrawn	rawn (h)			
0	Number	of N	egatives found not related		(i)		
0	Number	of N	egatives found not significant		(j)		
2			egatives addressed by technic t significant)	al change <mark>(Negative</mark>	(k)		
		x	g - (h + i + j + k) = 0	Reject is Not Valid and denominator of § VI. A	is not included in the proval Conditions Check		
	Final		g - (h + i + j + k) >0	ne denominator of § VI. Sheck			
			Reject without a Negative	Not Valid			

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3) Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

Voting Interest Reject 2 (Voting Interest Name: Middlesex) Voter Reject 1 (Voter: George W Horn/Middlesex Industries SA)

Negative 1

neg	ative 1								
	Referenced	*TF/TC Chapter to fill in, including text in the ballot if necessary.							
	Section/ Paragraph	Paragraph 15 and Figure 18 and 19							
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification copied. Please see negative of doc. 6618 also apply here CDoc.6618 This negative ballot accepts the proposed standard in its enti provided, that the paragraph 15.2.1 and figures 18 and 19 ard below. Rationale: In this company's 50 years of experience, perform moves with its conveyors, the above additions to the standard serving its customers with guarantied clean, high flow rate, lo follows the physical necessities of avoiding conveyor rail tran- bottom surface (as have learned with the 300 mm FOUP), mi- contacts, and the necessities of safety at high acceleration and The conveyor rail designs as included in the existing propose for low speed, short distance moves of the carrier, in and in v- handling means, and thus we confirm their acceptance. 15.2.1 Conveyor Rail Surface Dimensions – For Clean transp applications exceeding intra tool move dimensions the Conve- inadequate due to its inherent tendency for contaminant trans- surface = bottom stacking surface), and its inadequate guidin track due to mass and velocity of movement). Consequently y1, x5 and z10 should be used, z12 below the HP. Fig.18a and LEFT SUPE SUP SUBITIONE Surface at at the super sub- surface at the super sub- sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-	rety, without exceptions as is, e added to the standard, as ing 100 Million plus annual d will enable it to continue ing distance conveyors. This sport on a shared carrier inimizing conveyor and carrier ad standard, may be adequate icinity of process tool sets with oort applications and eyor rail as described in 15.2 is sfer (unprotected transport ig edge height (jumping the the conveyor rail defined by x1, nd Fig 19a.						
TF	nput <mark>(optional)</mark>								
	Withdrawal	No Negative withdrawal made by Voter.	GO TO "Related" subsection						
	(check one)	X Withdrawal document received by Standards staff on 05/07/2020	GO TO "Final" subsection \Rightarrow (A)						
Relat ed	Motion and Reason	'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection						
at	(check one)	Negative is not related. (Needs ≥2/3 votes to pass.)							

					Reason		xxxx	<			
		otio 2 nd	n by/ by				•				
	Dis	scu	ssion								
				XX	Y-XX N; Motion pas	sed	/failed				
			of Vote		[Negative is not rel	ated	l.] < 2/;	3			GO TO "Persuasive" subsection
	(0.		, , ,		2/3 ≤ [Negative is not related.]						GO TO "Final" subsection → (B)
					Negative is related and persuasive. (Needs >1/3 votes to pass.)						
	F	Motion and Reason <mark>(check one)</mark>			Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)						
					Reason XXXX						
-		otio 2 nd	n by/ by								
ers	Dis	scu	ssion								
Persuasive				XX Y	Y -XX N ; Motion pas	sed	/failed				
ive	Ros	ult /	of Vote		[Negative is related and persuasive.] > 1/3		b	Is a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection
			one)		[Negative is related and not persuasive.] < 2/3		(check one)		Ν	GO TO "Final" subsection → (E)	
					$2/3 \le [Negative is related and not persuasive.] < 90%$			GO TO "Final" s	ubse	ectio	n → (C)
					90% ≤ [Negative is related and not persuasive.]			GO TO "Not Significant Finding Option" subsection			
A		nal			ecommendations ograph number and	d at	least	one full sentence	are	requ	ired in "FROM" and "TO"
ddre			FROM:	Sect	ion/Paragraph 1.1						
SS											
oy Tec	Tec	1	TO: See	ction	/Paragraph 1.1						
hnical	chnica				n (lf necessary)						
Chang	Technical Changes		FROM:	Sect	ion/Paragraph XX)	κ _					
Address by Technical Change Option	yes	2	TO: See	ction	/Paragraph xxx						
ă			Justific	atio	n (If necessary)						

	Motio	on		l	Neg	ative is a	addressed by the technical change(s).				
	Motio	on by/2 nd by	/		Nam	ne (Comp	pany)/Name (Company)				
	Discu	ussion									
					XX \	(-XX N:	Motion passed/failed.				
		Result of V					egative is addressed by the technical	GO TO "Incorporation of the Technical Change" subsection			
					[Negative is not addressed by the technical change(s).] < 2/3			GO TO "Final" subsection \rightarrow (E)			
		Motion			To incorporate the technical change(s).						
			2 nd by	у	Name (Company)/Name (Company)						
	prpora phnica	Discussior	scussion								
	ncorporation of the Technical Change				XX۱	/-XX N ; I	Motion passed/failed.				
		Result o				90% ≤ [/	Agree to incorporate.]	GO TO "Final" subsection → (F)			
		(check	one)			[Disagre	ee to incorporate.]>10%	GO TO "Final" subsection → (E)			
Not			6 of th	ne p	erso	ons votir	FC Chapter finds a Negative not persing on the action". (<i>Regulations</i> ¶ 9.6				
t Sigr				lt is r signi			eed upon to term the Negative "not	GO TO "Final" subsection \rightarrow (D)			
Not Significant Finding Option	significant finding option" (check one)			lt is r "sign			eed upon to term the Negative	GO TO "Final" subsection \rightarrow (C)			
Fin		,	Ň	Whe	hether or not the Negative is "not significant" is decided by a vote.						
din		Motion	The I	Nega	ative is "not significant".						
g		otion by/ 2 nd by	Name	e (C	Company)/Name (Company)						
		-		XX Y	-XX	N ; Motio	on passed with simple majority	GO TO "Final" subsection \rightarrow (D)			
		Vote		XX Y	-xx	N; Motio	on failed with simple majority	GO TO "Final" subsection \rightarrow (C)			
			X		(/	4)	Withdrawn (counted under h in disp	oosition)			
					(B)	Not related (counted under i in disp	oosition)			
	(check if			(C)	Related and not persuasive (significa	nt)			
Final		plicable)			(D)	Not significant (counted under j in d	lisposition)			
al					(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS			
					(F)	Addressed by technical change (cou	nted under k disposition)			
	(check if applicable)				nmer	ů.	ated. See Section V-(ii) Comment # X				

Disposition of Voting Interest Reject 2

Check only when the Document has not been failed.

1	Original	riginal number (#) of Negatives (g)								
1	Number	of N	egatives withdrawn	(h)						
0	Number	mber of Negatives found not related (i)								
0	Number	ber of Negatives found not significant (j)								
0			egatives addressed by technic t significant)	al change <mark>(Negative</mark>	(k)					
		x	g - (h + i + j + k) = 0	Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check						
	Final		g - (h + i + j + k) >0	Reject is included in the Approval Conditions C						
			Reject without a Negative	Not Valid						

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3) Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

Voting Interest Reject 3 (Voting Interest Name: NCAP) Voter Reject 1 (Voter: Xu Yan/ National Center for Advanced Packaging Co., Ltd)

	Referenced	*TF/TC Chapter to fill	in, includi	ng text in the ballot	if nece	essary.				
Neg	Section/ Paragraph	NONE								
Negative	Negative Text	*Original complete Ne copied.	egative tex	t (e.g., issue, justifi	cation,	suggestion) should be				
	rieganie rem	Transportation cost and	d box cost	will increase						
TF	input <mark>(optional)</mark>									
	Withdrawal	No Negative witho	Irawal mad	e by Voter.		GO TO "Related" subsection				
	(check one)	X Withdrawal docum August/27/2020	fon	GO TO "Final" subsection \rightarrow (A)						
	Motion and	'Related' is mutua	tion.)	GO TO "Persuasive" subsection						
	Reason	Negative is not related. (Needs ≥2/3 votes to pass.)								
	(check one)	Reason	xxx>	<						
Reli	Motion by/ 2 nd by	Name (Company)/Name (Company)								
Related	Discussion									
	Result of Vote	XX Y-XX N; Motion passed/failed.								
		[Negative is not re		GO TO "Persuasive" subsection						
			-	-		subsection				
	(check one)	2/3 ≤ [Negative is	-			GO TO "Final" subsection \rightarrow (B)				
	(check one)	2/3 ≤ [Negative is	not related		votes te	GO TO "Final" subsection → (B)				
	(check one) Motion and Reason	2/3 ≤ [Negative is Negative is related	not related	.]		GO TO "Final" subsection → (B) o pass.)				
	(check one) Motion and	2/3 ≤ [Negative is Negative is related	not related	.] Jasive. <mark>(Needs >1/3</mark> y		GO TO "Final" subsection → (B) o pass.)				
Persu	(check one) Motion and Reason	2/3 ≤ [Negative is Negative is related Negative is related	not related d and persu	.] uasive. <mark>(Needs >1/3 y</mark> ersuasive. <mark>(Needs ≥</mark> 2		GO TO "Final" subsection → (B) o pass.)				
Persuasiv	(check one) Motion and Reason (check one) Motion by/	2/3 ≤ [Negative is Negative is related Negative is related Reason	not related d and persu	.] uasive. <mark>(Needs >1/3 y</mark> ersuasive. <mark>(Needs ≥</mark> 2		GO TO "Final" subsection → (B) o pass.)				
Persuasive	(check one) Motion and Reason (check one) Motion by/ 2 nd by	2/3 ≤ [Negative is Negative is related Negative is related Reason	not related d and persu d and not p	.] uasive. (Needs >1/3 v ersuasive. (Needs ≥ 2 ny)		GO TO "Final" subsection → (B) o pass.)				
Persuasive	(check one) Motion and Reason (check one) Motion by/ 2 nd by	2/3 ≤ [Negative is Negative is related Negative is related Reason Name (Company)/Nam	not related d and persu d and not p ne (Compar ssed/failed d and	.] uasive. (Needs >1/3 v ersuasive. (Needs ≥ 2 ny)	2/3 vote	GO TO "Final" subsection → (B) o pass.)				

	-			_	-						
							egative is re persuasive.		GO TO "Final" subsection	on → (C)	
							Vegative is r				
					and	not	persuasive.		GO TO "Not Significant	Finding Option" subsection	
							ndations umber and	at least	one full sentence are requ	uired in "FROM" and "TO"	
	fields	5.	-	-	<u> </u>				•		
			FROM: 3	Secti	ion/F	Para	graph 1.1				
			TO: See		/Der	0.010	mh 1 1				
		1	10. 50	Stion	/Fai	ayra	apri I. I				
	ech		Justific	ation	2 (If)	nece	seearv)				
Ad	Technical Changes		Justine	anoi	. (-33ary)				
	l Ch		FROM:	Secti	ion/F	Para	agraph XXX				
	ang										
dres	es	2	TO: Section/Paragraph xxx								
is bi											
у Те			Justific	atior	ו (lf ו	nece	essary)				
chn	NA - 1 ¹ -		Negative is addressed by the technical change(s).								
ical	Motion										
Cha	Motion by/2 nd by					Nan	ne (Compan	iy)/Name	e (Company)		
ange	Discu	ıssi	ion								
d0 é						XX Y-XX N; Motion passed/failed.					
Address by Technical Change Option		Result of Vote (check one)				change(s).]				Technical Change"	
		-				[Negative is not addressed by the technical change(s).] < 2/3 GO TO "Final" subsect → (E)			GO TO "Final" subsection \rightarrow (E)		
	_		otion			To incorporate the technical change(s).					
	ncor Tecl		tion by/		у	Name (Company)/Name (Company)					
	por:	Dis	scussion								
	atior al C					XX	Y-XX N; Mo	tion pass	sed/failed.		
	Incorporation of the Technical Change		Result o	f Vot	e		90% ≤ [Agr	ee to inc	orporate.]	GO TO "Final" subsection → (F)	
	the Je		(check	one)			[Disagree t	o incorpo	orate.]>10%	GO TO "Final" subsection \rightarrow (E)	
z										uasive by a vote equal to or	
ot s	great	er t	nan 90%		пер	erso	ons voting (on the a	ction". (<i>Regulations</i> ¶ 9.6	. 1.4.3.2)	
Not Significant Finding Option					lt is sign			l upon to	term the Negative "not	GO TO "Final" subsection	
iificant Option			f "Not icant		-					→ (D) GO TO "Final" subsection	
nt F	findi	ng	option"			muti nifica		i upon to	term the Negative	→ (C)	
indi	(check one) Wh				-			Vegative	is "not significant" is decide	ed by a vote.	
ng						ative	e is "not sign	ificant".			

	Motion by/ 2 nd by	Nar	lame (Company)/Name (Company)							
			XX Y-XX N; M	otion passed with simple majority	GO TO "Final" subsection \rightarrow (D)					
	Vote		XX Y-XX N; M	otion failed with simple majority	GO TO "Final" subsection \rightarrow (C)					
		Х	(A)	Withdrawn (counted under h in d	lisposition)					
			(B)	Not related (counted under i in d	isposition)					
	(check if		(C)	Related and not persuasive (signif	ficant)					
Final	applicable)		(D)	Not significant (counted under j in	n disposition)					
ıal			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS					
			(F)	Addressed by technical change (c	ounted under k disposition)					
	(check if applicable)		Comment gen	erated. See Section V-(ii) Comment #	# X.					

Disposition of Voting Interest Reject 3

Check only when the Document has not been failed.

1	Original	nal number (#) of Negatives (g)							
1	Number	of N	egatives withdrawn		(h)				
0	Number	Number of Negatives found not related (i)							
0	Number	Number of Negatives found not significant (j)							
0			egatives addressed by technic t significant)	al change <mark>(Negative</mark>	(k)				
		x	g - (h + i + j + k) = 0	Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check					
	Final		g - (h + i + j + k) >0	Reject is included in the Approval Conditions C	ne denominator of § VI. Sheck				
			Reject without a Negative	Not Valid					

This table is needed for each Voting Interest Reject.

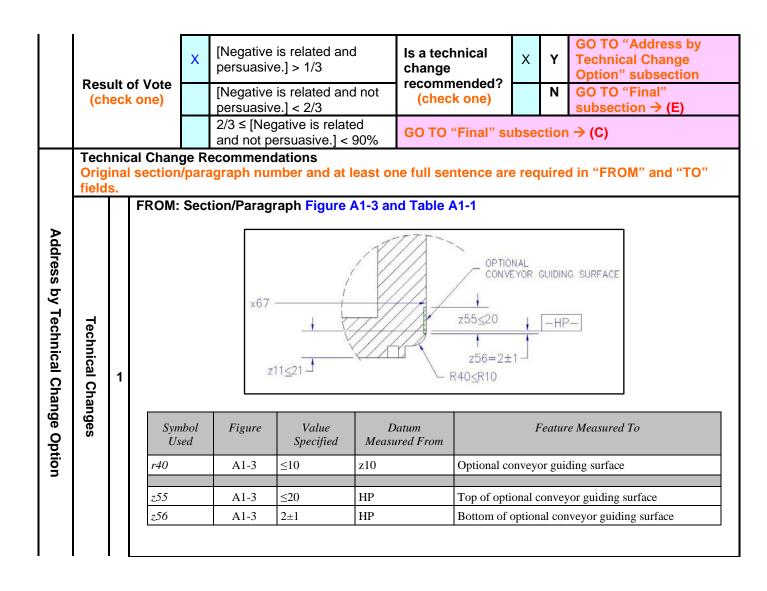
Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3) Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

IV. Other Technical Issues

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.1.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.1.4.2.5)

123	sue 1										
Т	Origin	*TF/TC Chapter to choose Withdrawn Negative from George W Horn/Middlesex Industries	SA								
ech	Referenced	*TF/TC Chapter to fill in including text in the ballot as appropriate.									
nnica	Section/ Paragraph	Figure A1-3 and Table A1-1									
Technical Issue		*Original Comment text, if applicable, and problem statement, including justification and suggestion, should be copied.									
e	Reason	The conveyor rail designs as included in the existing proposed standard, may be adequate for low speed, short distance moves of the carrier, in and in vicinity of process tool sets with handling means.									
Hand	Handle technical issue identified above as a Negative.										
		X 'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection								
	Motion and	Negative is not related and assigned to TF. (Needs ≥2/3 v									
	Reason (check one)	Negative is not related and placed on agenda of current T business. (Needs ≥2/3 votes to pass.)	C Chapter meeting as new								
		Reason									
Related	Motion by/ 2nd by	Name (Company)/Name (Company)									
ted	Discussion										
		XX Y-XX N; Motion passed/failed.									
	Result of Vote	[Negative is not related.] <2/3	GO TO "Persuasive" subsection								
	(check one)	$2/3 \leq$ [Negative is not related] and assigned to TF.	GO TO "Final"								
		2/3 ≤ [Negative is not related] and placed on agenda o current TC Chapter meeting as new business.	subsection → (B)								
		X Negative is related and persuasive. (Needs >1/3 votes to	pass.)								
Pe	Motion and Reason (check one)	Negative is related and not persuasive. (Needs ≥2/3 vote:	s to pass.)								
Persuasive	()	Reason XXXX									
ve	Motion by/ 2 nd by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polym	er)								
	Discussion	None									
		7 Y-0 N; Motion passed									

Issue 1

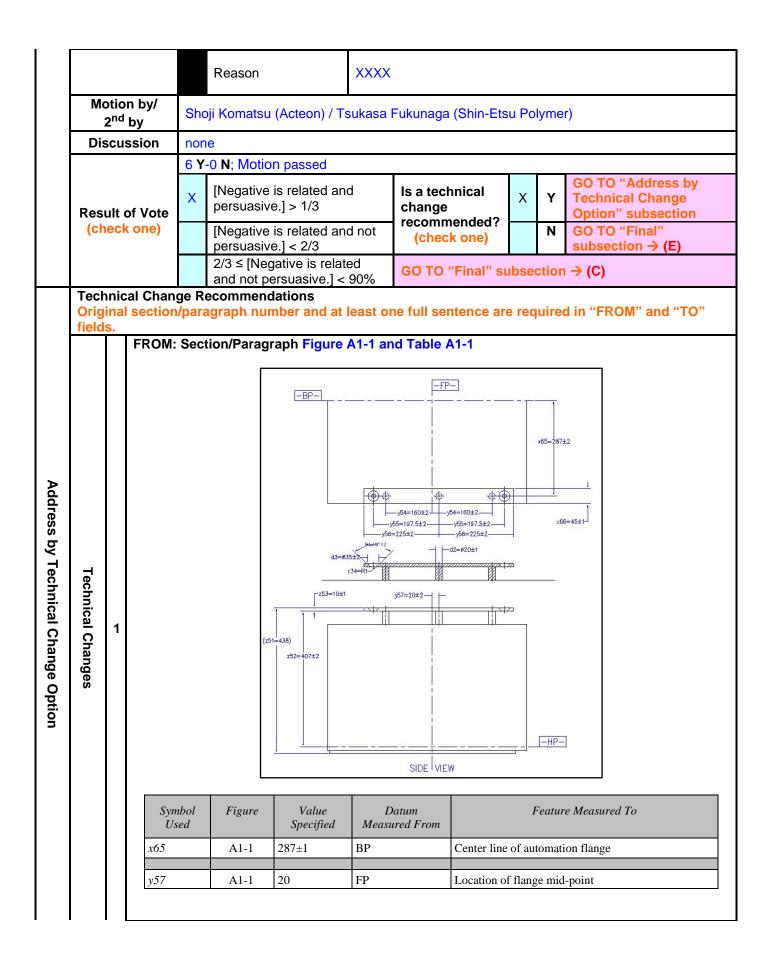


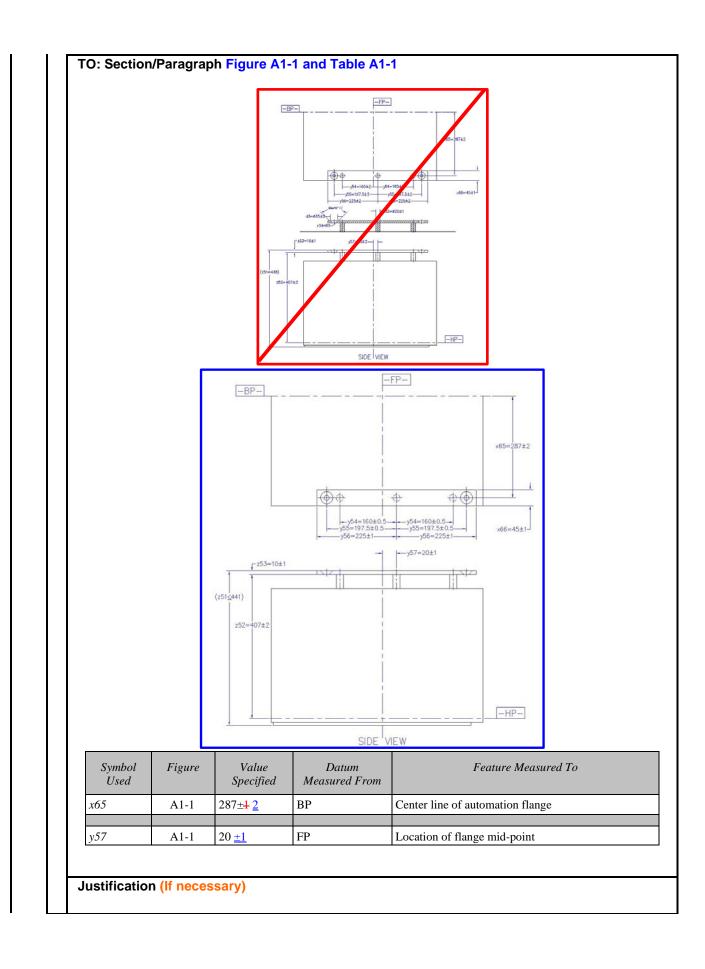
		×67			OPTIONAL CONVERSION GUIDING SURFACE $z55 \le 20$ -HP- $z56=2\pm1$ R40 \le R10	
		x67 - z1	 11≤21		OPTIONAL CONVEYOR GUIDING SURFACE $z55 \le 18$ -HP- $z56=15\pm1$ - $R40 \le R5$	
	Symbol Used	Figure	Value Specified	Datum Measured From	Feature Measured To	
	r40	A1-3	≤ <u>10 5</u>	z10	Optional conveyor guiding surface	
	z55	A1-3 ≤ 20 <u>18</u>		HP	Top of optional conveyor guiding surface	
	<i>z</i> 56	A1-3	3 <u>2±1</u> <u>15±1</u> HP		Bottom of optional conveyor guiding surface	
	Justification FROM: Section	•	raph XXX			
2	Justification	ו (If neces	sary)			
				sed by the techn	ical change(s).	
Motion		Nega	tive is addres	-	ical change(s). a Fukunaga (Shin-Etsu Polymer)	
Motion Motion H	Justification by/2 nd by	Nega	itive is addres i Komatsu (A	-		
Motion Motion I Discuss Res	Justification by/2 nd by	Nega Shoji None 7 ¥-0 X 2/ ct	ative is addres i Komatsu (Ad e) N ; Motion pa /3 ≤ [Negative hange(s).]	cteon) / Tsukasa assed e is addressed by	the technical GO TO "Incorporation of the Technical Change" subsection	
Motion Motion I Discuss Res (cl	Justification by/2 nd by ion sult of Vote	Nega Shoji None 7 Y-0 X 2/ ch [N ch	tive is addres i Komatsu (Ad \mathbf{P}) N ; Motion pa /3 \leq [Negative hange(s).] Negative is no hange(s).] $<$ 2	cteon) / Tsukasa assed e is addressed by t addressed by th	a Fukunaga (Shin-Etsu Polymer) the technical GO TO "Incorporation of the Technical Change" subsection ne technical GO TO "Final" subsection → (E)	

		Motion by	/2 nd	by	Sł	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)				
		Discussion			none					
		Result of Vote (check one)		7	7 Y-0 N; Motion passed					
				X	X 90% ≤ [Agree to incorporate.]		GO TO "Final" subsection → (F)			
					[Disagree to incorporate.] >10%		GO TO "Final" subsection → (E)			
						(B)	Not related			
					(C)		Related and not persuasive			
Final	(check one)		(E)		Related and persuasive and not addressed by technical change	DOCUMENT FAILS				
=			Х			(F)	Addressed by technical change			
	(check if applicable)		Со	omment generated. See Section V-(ii) Comment # X.						

Issue 2

Те	Origin		/TC Chapter to choose eason not addressed by a Vote response								
chn	Referenced	*TF/	/TC Chapter to fill in including text in the ballot as appro	oriate.							
ical	Section/ Paragraph	Figu	Figure A1-1, Table A1-1 and Section 5.1								
Technical Issue	Reason	*Original Comment text, if applicable, and problem statement, including justification and suggestion, should be copied.									
	Reason	l fou	und some mistakes regarding tolerances in Appendix 1 and s	lot number of ¶ 5.1							
Han	dle technical issu	ıe ide	entified above as a Negative.								
		X	'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection							
	Motion and		Negative is not related and assigned to TF. (Needs ≥2/3 votes to pass.)								
	Reason (check one)		Negative is not related and placed on agenda of current TC business. (Needs ≥2/3 votes to pass.)								
			Reason								
Related	Motion by/ 2nd by	Nan	Name (Company)/Name (Company)								
ted	Discussion										
		XX Y-XX N; Motion passed/failed.									
	Result of Vote		[Negative is not related.] <2/3	GO TO "Persuasive" subsection							
	(check one)		$2/3 \leq$ [Negative is not related] and assigned to TF.	GO TO "Final"							
			$2/3 \leq$ [Negative is not related] and placed on agenda of current TC Chapter meeting as new business.	subsection → (B)							
Persuas	Motion and Reason	x	Negative is related and persuasive. (Needs >1/3 votes to p	bass.)							
Jasi	(check one)		Negative is related and not persuasive. (Needs ≥2/3 votes	to pass.)							





		2	5.1 Indit1 and 2.TO: Se5.1 InditTables 1	 ROM: Section/Paragraph 5.1 1 Individual specifications for the 510 mm × 515 mm panel and 12 slots are listed in Figures 1 and 2 and Tables and 2. O: Section/Paragraph 5.1 1 Individual specifications for the 510 mm × 515 mm panel and <u>612</u> slots are listed in Figures 1 and 2 and ables 1 and 2. 										
-	Moti	on												
ŀ			by/2 nd b	v			-	su (Acteon) / Tsukasa Fukunaga (Shi	n-Etsu Polymer)					
Ī	Disc		-	<u>,</u>			one		, , ,					
						7 Y- 0N; Motion passed								
	Result of Vote (check one)					x	2/3 ≤ [Ne change(s	gative is addressed by the technical).]	GO TO "Incorporation of the Technical Change" subsection					
							[Negative change(s	is not addressed by the technical).] < 2/3	GO TO "Final" subsection → (E)					
		Мо	lotion			To incorporate the technical change(s).								
	lnco Tec	М	otion by	/2 nd	by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)								
	rpor	Di	scussio	n		none								
	atio :al C					<mark>6</mark>	Y-0 N ; Mot	ion passed						
	Incorporation of the Technical Change	I	Result o	-		X	90% ≤ [A	gree to incorporate.]	GO TO "Final" subsection → (F)					
	he Ie		(check	one)			[Disagree	e to incorporate.] >10%	GO TO "Final" subsection \rightarrow (E)					
							(B)	Not related						
	(check one) X (check if applicable)					(C)		Related and not persuasive						
!							(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS					
Ĺ						(F) Addressed by technical change								
					Cor	mment generated. See Section V-(ii) Comment # X.								

V. Comments

V- (i) Voters' Comments Commenter 1 (Larry Hartsough/UA Associates) - Comment 1

-				risough/or Associates) - comment i									
5	*TF	/TC Chapte	er to	fill in section/paragraph #, if necessary.									
Comment	1. requ Cha	Comments: 1. The Referenced Documents and Standards section and the Terminology section are not required; see PM3.8.3.2. They could be omitted from the Subordinate Specifications if the TC Chapter so desires. Unless, of course, there are refs/terms used there that are not in the Primary. Removal could be considered a Type 1 editorial change, I think.											
	The	he TC Chapter agreed to do one of the following actions.											
	*No	o motion is	requ	uired in this step.									
A	Already addressed by Commenter #, Comment #												
Action		No further	actio	on was taken by the TC Chapter.									
Γ				for more consideration.									
		New Busir											
	Х	Editorial C	hang										
		Options		Case 1: No vote in this section:									
		for editorial		To be included and voted on as a group in § VI. <i>Editorial Changes Other than Those Voted on in § V</i> .									
		change (check		Case 2: Voted in this section:									
		one)	Х	Original section number and at least one full sentence are required in "FROM" and "TO" fields.									
		FROM: S	ectio	on/Paragraph 3, 3.1 and NOTE 1									
		3. Refere	nced	Standards and Documents									
		3.1 SEMI Standards and Safety Guidelines											
E		SEMI 3D20 — Specification for Panel Characteristics for Panel Level Packaging (PLP) Applications NOTE 1: The SEMI Physical Interfaces & Carriers Global Technical Committee is developing a Specification for Panel FOUP and Panel FOUP Load Ports intended to be used in conjunction with this Document.											
Editor	1	TO: Sect	ion/F	Paragraph 3, 3.1 and NOTE 1									
ial (3. Refere	nced	Standards and Documents									
vrial Changes		3.1 SEMI S	Stand	ards and Safety Guidelines									
ndes				Specification for Panel Characteristics for Panel Level Packaging (PLP) Applications									
ſ				e SEMI Physical Interfaces & Carriers Global Technical Committee is									
				Specification for Panel FOUP and Panel FOUP Load Ports intended to njunction with this Document.									
		Justificat	tion	(If necessary)									
	2	FROM: S	ectio	on/Paragraph									

		TO: Section/Paragraph								
		Justificatio	on (If necessary)							
M	otior	1	To approve above editorial change(s)							
M	otior	n by/2 nd by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)							
Discussion		sion	There was a discussion if it was OK to delete Terminology section by the editorial change during Ballot Review. The TC Chapter chose safer option.							
Vote			6 Y-0 N; Motion passed							

This table is needed for each Comment accompanied a Vote

V-(ii) Comments Created by Handling Negative None

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

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	=	36	1	36	=	100.0%	 ≥90%

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

Note: See Regulations § 9.6.2 for further information.

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

Need a Ratification Ballot:

The Letter Ballot meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

VIII. Safety Check

X

Note: See Regulations § 15 for further information.

	x	Th is s	is is not a still technica	Safety Document , when all safety-related information is removed, the Document ly sound and complete. (<i>Regulations</i> ¶ 8.7.1)							
Motion				ty Document , when all safety-related information is removed, the Document is not and complete. (<i>Regulations</i> ¶ 8.7.2)							
				klist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document ne balloting process. (<i>Regulations</i> ¶ 15.1.2)							
Motion by/2 nd by Shoji Komatsu (A			oy/2 nd by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)							
	none										
Vote 7 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.

Х	that r copyr	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 X.							
		The question is answered in affirmative	Is any of the known IPs a patented		Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection				
			technology?		No	GO TO IX (b) "Copyright items" subsection				

IX(a) Patented Technologies subsection IX(a1) Total numbers of Patented Technologies to be dealt with

# Fi		(I) Known Patented Technology that might be relevant to	# Fill	(m) Number of patented technologies first became known to the TC Chapter on or after the day of the issuance of this Letter Ballot	performed at the next
	umber	the Standard/Safety Guideline	" Fill	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	GO TO IX (a2)

IX(a2) Assessment of disclosed patented technologies

Disclosed patented techno (<i>Brief description, e.g., pate</i>	Date of Assessment (If different from the date of Letter Ballot adjudication) MM/DD/YYYY						
Is disclosed patented			Is the use of this PMPT technically			YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)
technology #1 found to be "might be material" to the Standard/Safety Guideline?			justified'	?		NO	The Document is failed and returned to the TF
		NO	No furth	er action is needed for patented technology #1			d technology #1

This table is needed for each disclosed patented technology.

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

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

This table is needed for each PMPT of which inclusion assessed to be justified.

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

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

IX(b2) Assessment of disclosed copyrighted items

Disclosed copyrighted item (Brief description of its use	e Docume	nt):			
Is disclosed copyrighted	YES	Is the use/reproduction of		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(b3)
item #1 used or reproduced in the Standard/Safety Guideline?		this copyrighted item technically justified?		NO	The Document is failed and returned to the TF
	NO	No further action is nee	ded f	or copyrig	nted item #1

This table is needed for each disclosed copyrighted item.

IX(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			PROCEED to assess NEXT one, or if this is the last one, GO TO IX(c)							
from its owner ?.		NO	Μ		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 IX(c)
Mo	tion	by/ 2 nd by	Name (Company)/Name (Company)
Dis	cuss	sion	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.

IX(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 IX(d)	
					NO	The Document is failed and returned to the TF	
		NO	GO TO IX(d)				

IX(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 IX(a1)	YES	Sections IX(a2) and IX(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 X (making motion to pass/fail this Document) (see <i>Regulations</i> ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.
	NO	GO TO X

X. Action for This Document

			ocument passed TC Chapter review as balloted and will be forwarded to the ISC A&R procedural review.						
M			his Document passed TC Chapter review with editorial changes and will be forwarded to the CA&R SC for procedural review.						
Motion	x	 This Document passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes. 							
		This Docu	This Document failed TC Chapter review and will be returned to the TF for rework.						
		This Docu	Document failed TC Chapter review and work will be discontinued.						
	Motion by/ 2 nd by Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)								
0	Disc	ussion	ssion none						
	V	Vote 6 Y-0 N							
Final Action		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.