			T			WORK INO	FRUOTI	ON				I=#		1		A	204
			D N /T''			WORK INST		MBLY PROC	FCC				ctivity Date:			August 2, 2	J21
M			Process Name/Title:	4000									dity Date:			n/a	
			Product Name/Code:	100B	/	7M0592-7020B	Custo	mer:	TRJ			Docu	ument No.:			WI-ENG-PDE-3	11D
			Purpose:	PRO	TOTYPE		PRE-LA	AUNCH	MASS	PRO		Revi	sion No.:		1	Page No.:	1 of 11
												1		1			
PARTS	:	1. Clam 2. Clam	p 82711-52090 (W) [4pcs.] p 82711-3A540 (B) [1pc.]	<u>1</u>				ck tape [4pcs.] \bigwedge inge tape [1pc.] (1)					JIG:	1. C	lamp as	ssembly jig	
N	Ο.	PF	ROCESS NAME			WORK PR	OCEDU	JRE/ ILLUSTRA	ATION				TOOLS/PPE		C	QUALITY POIN	TERS
	1	P4	Clamp setting	then set to cla	mp locati	82711-52090 (W) 2711-52090 (W) using rig on 2 and 3 using both ha 2711-52090 (W) using rig on 5 and 6 using both ha	aght hand ands.	3. Get 1pc. of clar then set to clamp 4. Get the Orange location 5 using b	location 4 u	.540 (W) usin sing both har	nds.	du 1. 2. ww. k	Be sure to wear prescribed personal rotective equipment ing operation (glow finger cots, etc.) Housekeeping Maintain and alwater prescribed personal things on the orkplace is prohibited from the Assembly Assista Supervisor or Line eader for immediat corrective action.	Int ves, lys 1. N ed. 2. N 3. N 4. N	o dama o wrong o wrong o wrong	One side tape under one si	clamp
		ļ	<u> </u>			Revision History							Prepared by	Reviewe	d by	Approved by	Noted by
08/02/21	1	color in a	process owner from Productic accordance with color standard icture/illustration in all process	lization for plastic					M. Catapang	C. Villanueva	A. Shimamura	A. Arañes	Almsutage	(1)	. jj	Ship	
04/10/18			y established as Engineering i	,		,			S. Manalo	R. Alcantara	A. Arañes	n/a	M. Catapang	C. Villari		A. Shimamura	A. Arañes
Eff. Date	Rev. No			Det	tails of Ch	nange			Revised	Checked	Approved	Noted	Est. Date:	April 10, 201	18		

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		Process Name/Title:		TAPING ASS	EMBLY PROC	ESS	Validity Date:		n/a	3
		Product Name/Code:	100B	7M0592-7020B	Customer:	TRJ	Document No.:		WI-ENG-PI	DE-311D
		Purpose:	PROT	OTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		1 Page No.:	2 of 11
		1					- I			
PARTS:	1. Assy 2. Black	parts ctape						JIG	1. Clamp Assembly	
NO.	Р	ROCESS NAME		WORK PROCE	DURE/ ILLUSTR/	ATION	TOOLS	PPE	QUALITY P	OINTERS
1	P4	Clamp Assembly (Continuation)	2	82711-52090 (W) 8271 2 3 4 7. Initially attach Black tape on	For the attach 5. Hold the che to right side. 6. Initially attac using both hand back to its positions.		n/a		1. No damaged clam 2. No wrong use of p 3. No wrong insertion	p parts

				WORK INSTRUC	TION			Effectivity Date:		August	2, 2021
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		Product Name/Code:	100B	/ 7M0592-7020B	Customer:	TRJ		Document No.:		WI-ENG-P	DE-311D
		Purpose:	PROT	ОТҮРЕ	PRE-LAUNCH	MASS	PRO	Revision No.:		1 Page No.:	3 of 11
PARTS:	1. Assy 2. Black	parts sunprene tube ø9 L=93±3	Bmm						JIG	1. Terminal cover jig	
NO.	PF	ROCESS NAME		WORK PROCE	DURE/ ILLUST	TRATION		TOOLS/	PPE	QUALITY F	OINTERS
2	<i>[</i> .	Wire insertion to Black sunprene tube ø9 L=93±3mm	L	1. Get the terminal cover jig using wires using left hand. 2. Hold the Black Sunprene tuber first the hotmelted wires and the left hand. 3. After insertion, remove the	ø9 L=93±3mm using en next the B/B wires	right hand then Insert s with cover jig using	R	TERMINAL CO	OVER JIG	No wrong usage of 2. No deformed term	

				WORK INSTRUC	TION		Effectivity Date:		Augus	st 2, 2021
		Process Name/Title:		TAPING ASS	EMBLY PROCES	S	Validity Date:		n,	/a
		Product Name/Code:	100B /	7M0592-7020B	Customer:	TRJ	Document No.:		WI-ENG-F	PDE-311D
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PARTS:	1. Assy 2. Blac							JIG	n/a	
NO.	Р	ROCESS NAME		WORK PROCEI	OURE/ ILLUSTRATION	ON	TOOLS/	PPE	QUALITY I	POINTERS
3	P4	Taping 1 Black sunprene tube to Black corruagetd tube near PCB and terminal pointed tip		tape width tape width 3. After taping, check the meastaping condition.	edge of hotmelt 58±3mm us 2. Hold the sunprene tube u start taping using both hand Note: Refer to WI-PRO-ASY- procedure 58±3mm	sing left hand then s. 001 for taping	MEASURING	4 5 6 7 8 9 (Note: Please use calibrat measuring tape wheasurement. 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong dimens 6. No wrong use of	hen getting the

				WORK INSTRUC	TION			Effectivity Date:		August	2, 2021
		Process Name/Title:		TAPING ASS	EMBLY PR	OCESS		Validity Date:		n/a	1
		Product Name/Code:	100B /	7M0592-7020B	Customer:	T	RJ	Document No.:		WI-ENG-P	DE-311D
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PARTS:	1. Assy 2. Clam	parts p 82711-16830 (B) 1							JIG	1. Clamp Assembly	lig
NO.	PF	ROCESS NAME		WORK PROCE	DURE/ ILLUS	TRATION		TOOLS/	PPE	QUALITY P	OINTERS
4	<u>/-</u>	CONNECTOR SETTING CHECKER 1 Taping assembly	(GR) to Checker 1 6189-0451 (W) to connector 6098-3 together within st location 1 was ON 2. Check if all LED lig and CLAMP ON was STOP and immediate	CONNECTOR SETTING To jig. (See above picture for to then pull the checker fixture to Checker 2 then pull the checker 1810 (W) to Receiver base 1 to topper then press by toggle company.	the correct setting) of for continuity checker fixture for continue if the lock. Last, set lamp. Continue if the lock. Last, set lamp. The lock is a continue if the lock. Last, set lamp. The lamp is a continue if the lock. Last, set lamp. Continue if the lock. Last, set lamp. The lock is a continue if the lock. Last, set lamp. The lock is a continue if the lock. Last, set lamp. The lock is a continue if the lock. Last, set lamp. The lock is a continue if the lock. Last, set lamp. The lock is a continue if the lock is a continue in the lock. Last, set lamp is a continue	SW Button First, set the cecking. Second, natinuity checkin the hotmelted the sequence light pc. of clamp 82	set the connector g Third, set the wire and B/B wires	STOPPER n/a	1	Note: Make sure no stopper jig and hotm 1. No loose/tight clar 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clea PCB and stopper jig	np attached

					WORK INSTRUC	TION			Effectivity Date:		August	2, 2021
		Process Name/Title:			TAPING ASS	EMBLY PR	OCESS		Validity Date:		n/a	а
		Product Name/Code:	100B	/	7M0592-7020B	Customer:	•	TRJ	Document No.:		WI-ENG-P	DE-311D
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PARTS:	1. Assy 2. Blacl									JIG	1. Clamp Assembly	Jig
NO.	Р	ROCESS NAME			WORK PROCE	OURE/ ILLUS	TRATIO	N	TOOLS/	PPE	QUALITY P	OINTERS
4	<i>L</i>	CONNECTOR SETTING CHECKER 1 Taping assembly (Continuation)	4. Initially ti using right I	band. Dando gun u Docation 1. Pr	3 4	CEIVER BASE 1	GOOD LIGNMENT AL		stopper n/a		Note: Make sure no stopper jig and hotm 1. No loose/tight clar 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clea PCB and stopper jig	np attached

				WORK INSTRUC	TION		Effectivity Date:	August 2, 2021
		Process Name/Title:		TAPING ASS	SEMBLY PR	ROCESS	Validity Date:	n/a
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PARTS:	1. Assy 2. Black						JIG	1. Clamp Assembly Jig
NO.	P	ROCESS NAME		WORK PROCE	DURE/ ILLUS	STRATION	TOOLS/PPE	QUALITY POINTERS
4	P4	CONNECTOR SETTING CHECKER 1 Taping assembly (Continuation)	82711-5 CONNECTOR CO	CONNECTOR SETTING R R R R R R R R R R R R R	6. Ho slide Note: 7. Hol start to locati the ta Note:	For the clamp taping on location 2. Id the checker handle using right then to right side. If the Black tape using right hand then taping using both hands on clamp on 2. Make 3 windings of tape then cut ape. Press the SW button after taping. If Follow the illustration on left side. In the Black tape using right hand then taping using both hands on clamp on 2. Make 3 windings of tape then cut ape. Press the SW button after taping. If Follow the illustration on left side.	STOPPER n/a	Note: Make sure no gap between stopper jig and hotmelted terminals. 1. No loose/tight clamp attached 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clearance between PCB and stopper jig

				W	ORK INSTRUC	TION			Effectivity Date:		August	2, 2021
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		Product Name/Code:	100B	/ 7M	0592-7020B	Customer:	7	RJ	Document No.:		WI-ENG-P	DE-311D
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PARTS:	1. Assy 2. Black									JIG	1. Clamp Assembly	lig
NO.	PF	ROCESS NAME		1	WORK PROCE	DURE/ ILLUS	STRATION		TOOLS/	PPE	QUALITY P	OINTERS
4	/ <u>/</u> 3	CONNECTOR SETTING CHECKER 1 CH Taping assembly (Continuation)	ECKER 2	NNECTOR ETTING	3 4 R	10. On cusing bo	Relamp location :	9. Remove the connector 6189-0451 (W) in Checker 2 using both hands. Continue if the sequence light on clamp location 3 was ON. 3, conduct spot taping e 2 windings of tape	STOPPER n/a		Note: Make sure not stopper jig and hotm 1. No loose/tight clar 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clea PCB and stopper jig	elted terminals.

				WORK INSTRU	CTION		Effectivity Da	ite:	August	2, 2021
		Process Name/Title:		TAPING AS	SEMBLY PR	OCESS	Validity Date:		n/a	а
		Product Name/Code:	100B	/ 7M0592-7020E	Customer:	TRJ	Document No	o.:	WI-ENG-P	DE-311D
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PARTS:	1. Assy 2. Black							JIG	1. Clamp Assembly	Jig
NO.	PF	ROCESS NAME		WORK PROC	EDURE/ ILLUS	TRATION	TOOL	.S/PPE	QUALITY F	POINTERS
4	<u>/-</u>	CHECKER 1 Taping assembly (Continuation)	ECKER 2	R L	11. Release 1 11. Release 1 12. Combination Black tape both hand of tape the after tapin	e the lock of Receiver base 1 us then remove the connector 60s using left hand. The the illustration on left side. The the 2 COT using both hands, using right hand then start taping son clamp location 3. Make 3 were cut the tape. Press the SW but and the sequence light tion 4 was ON.	stopper sto	/a	Note: Make sure no stopper jig and hotn 1. No loose/tight clar 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no cler PCB and stopper jig	mp attached

					WORK INSTRUC	TION			Effectivity Date	:	Augus	t 2, 2021
		Process Name/Title:			TAPING ASS	SEMBLY PR	OCESS		Validity Date:		n/a	a
		Product Name/Code:	100B	1	7M0592-7020B	Customer:		TRJ	Document No.:		WI-ENG-P	DE-311D
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	1. Assy 2. Black 3. Oran	tape			WORK PROCE	DURE/ ILLUS	STRATION	N	TOOLS	JIG /PPE	1. Clamp Assembly QUALITY F	-
4	P4	CHECKER 1 CHECKER 1 Taping assembly (Continuation)	13. Hold start tapi location the tape. Continue location start tapi location the tape.	ing using bot 4. Make 3 wi Press the SV if the seque 5 was ON. the Black tal ing using bot 6. Make 3 wi	3 4 R	14. Hold the Ortaping using bot windings of tap will beep/buzz itaping. Press the sequence light femoving the harmoning the harmoning the harmoning the harmoning the sequence of the sequence	th hands on cope then cut the if sensor determines SW button ight on clamp	ing right hand then start clamp location 5. Make 3 e tape. Color sensor light cts Orange tape during after taping. Continue if location 6 was ON.	STOPPER n/a		Note: Make sure no stopper jig and hotm 1. No loose/tight clar 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clea PCB and stopper jig	mp attached

				WORK INSTRUC	TION		Effectivity Date:	August 2, 2021
		Process Name/Title:		TAPING ASS	EMBLY PRO	DCESS	Validity Date:	n/a
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PARTS:	n/a						JIG	n/a
NO.	PI	ROCESS NAME		WORK PROCE	DURE/ ILLUST	TRATION	TOOLS/PPE	QUALITY POINTERS
5	<i>[</i> .	Visual/By Two's Inspection	1. Check the connector	and taping co	check if the band cu	5. Check the terminal deformed terminal. t	Master Sample efer to GL-PRO-ASY-007 for ction of Sub-Assy.	MASTER SAMPLE
6		1 Measurement		11±3mm 131±3mm 76± 111±5mm	P/ 2 3 4 5 6 7 8 9 9 ge	ote: ease use calibrated/verified measuring to etting the measurement. 94±3mm 60±3mm	216±3mm 208±3mm	NOTE: FOR HATSUMONO AND OWARIMONO 1. No wrong dimension