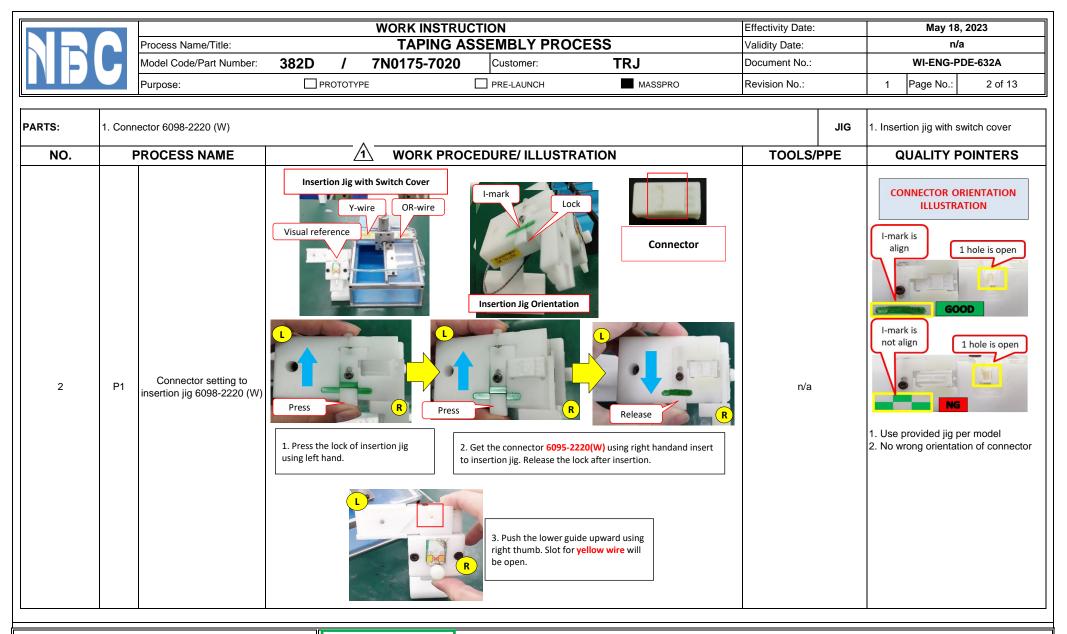
			Effectivity Date:	May 18, 2023							
		Process Name/Title:		TAPIN	G ASSEMBLY P	ROCESS		Validity Date:		n/a	
		Model Code/Part Number:	382D /	7N0175-7020	Customer:	TRJ		Document No.:		WI-ENG-PDE-6	32A
		Purpose:	PROTOT	'PE	PRE-LAUNCH	MASSE	'RO	Revision No.:	1	Page No.:	1 of 13
PARTS:		Sf 0.3 wires Y L=385±3mm; A 417 ±3mm (no slit); AVSSf 0.3 ape		m; Black SV tube (Vinyl) Ø	Ø5 L=25±3mm; Connecto	or 6098-2220 (W); C		JIG:	2. Locking ji	0	
NO.	I	PROCESS NAME		<u>∕1</u> WORK P	PROCEDURE/ ILLU	JSTRATION		TOOLS/PPE	G	QUALITY POIN	TERS
1	P1	Table Lay-out Lock Connec	Connector 2220 (W Connector)  ack SV tube (Viny)  Ø5 L=25±3mm  Aring jig- ctor 6098- 20 (W)	Insertion jig (A) w/ switch cover  Insertion jig (B)  Insertion jig (C)	Black Corrugate Ø5 L=291±3	ed tube	Connector 6098- 3802(W)/ Connector tray  Black Corrugated tube Ø5 L=417 ±3mm (no slit)  AVSSF 0.3 wires B L=582±3m	Safety Instruction  Be sure to wear required personal protective equipment during operation (gloves, finger cots, etc.)  Housekeeping  1. Maintain and always practice 5's.  2. Personal things on the workplace is prohibited. Keep it in your locker.  Alert level  For any trouble, inform the Assembly Assistant Supervisor or Line Leade for immediate corrective action.	Documen  1. Please if for Pull-Pu  6. 6098-38	reference/s: refer to GL-PRO-AS ush procedure.  DINNECTOR ILLUSTRATIO	N
	1			Revision History				Prepared by	Reviewed by	Approved by	Noted by
05/18/23 1 01/31/23 0	2,3,8,11 Initial iss	d Purpose from Pre-launch to Ma Inclusion of Quality Checkpoint c				M. Ariola M. Ariola		Arañes M. Atiola	J. Loverte	South Horas C. Villanueva	A. Asailes
Eff. Date Rev. No			Details o	Change		Prepared	Reviewed Approved I	Noted Est. Date: Jai	anuary 31, 2023		



			WORK INSTRUCTION	Effectivity Date:	May 18, 2023
		Process Name/Title:	TAPING ASSEMBLY PROCESS	Validity Date:	n/a
		Model Code/Part Number:	82D / 7N0175-7020 Customer: TRJ	Document No.:	WI-ENG-PDE-632A
		Purpose:	□ PROTOTYPE □ PRE-LAUNCH ■ MA	ASSPRO Revision No.:	1 Page No.: 3 of 13
				-	
PARTS:		Sf 0.3 wires Y L=385±3mm Sf 0.3 wires Y L=385±3mm		JIG	Insertion jig with switch cover
NO.	I	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
3	P1	Wire insertion to Connector 6098-2220 (W)	usir Slot	ress the button ng right thumb. If for Orange wire be open.  n/a  ing left thumb pull-out the	1. No loose insertion. 2. No wrong insertion 3. One by one insertion. 4. No wrong facing. 5. No wrong deformed terminal.  Important reminders/Note/s: 1. Please hold the wire near terminal during insertion. 2. Insertion must be from left to right. 3. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force  Document reference/s: 1. Please refer to WI-PRO-CNC-017 for Wire and Strip length tolerance. 2. Please refer to GL-PRO-ASY-029 for Pull-Push procedure.

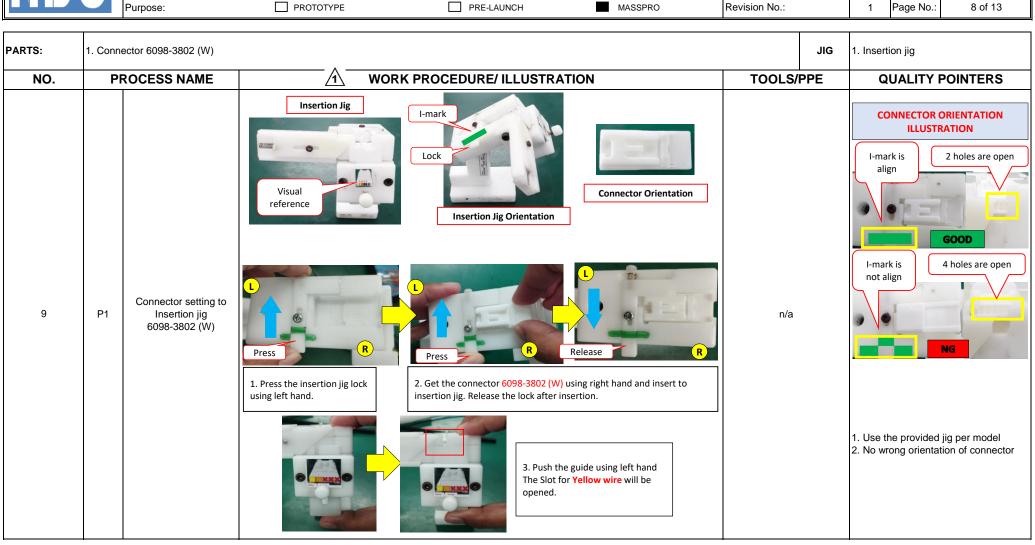
WORK INSTRUCTION Effectivity Date:													May 18	3. 2023	
		Process Name/Title:				APING A		Y PROCI	ESS		Validity Date:			n,	
		Model Code/Product Number:	382D	1		75-7020	Custom		TRJ		Document No.:			WI-ENG-F	PDE-632A
		Purpose:		PROTOTYF	Έ		PRE-LAI	JNCH	MASSPRO		Revision No.:		1	Page No.:	4 of 13
														1	
PARTS:	1. Assy	parts										JIG	1. Lockir (W)	ng jig Conne	ector 6098-2220
NO.	PI	ROCESS NAME			<u>\</u> wo	ORK PROC	EDURE/	ILLUSTRA	TION		TOOLS/I	PPE	Q	UALITY I	POINTERS
4	P1	Connector Lock		See	To the second se	1. Hold the as arrow. Make	sure the conn	ector touch the	insert into connector local sensor. Sound will be her FUNCTION IF CONNECTOR IS CONNECTOR IN CONNECTOR IS CONNECTOR IS CONNECTOR IS CONNECTOR IS CONNECTOR IN CONNECTOR IS CONNECTOR IS CONNECTOR IN CONNECTOR IS CONNECTOR IN CONNECTOR IS CONNECTOR IN CONNECTOR IN CONNECTOR IS CONNECTOR IN CONNECTOR IN CONNECTOR IN CONNECTOR IS CONNECTOR IN CONN	cking jig based of the properly cror NOT REA  2. Hold the hold locking jig us gently pull doriginal posi	y lock.	ector n k to	wire to c 2.Conne connecto 3. Make locking p 4. No wr 5. No da 6. No un Import 1. Incon the jig. 2. No re proceed 3. If end immedialeader.	connector ector must be or slot. sure no offs or ocess. ong setting amaged cor ellocked/ half or ocess. on the control ocked/ half or ocess. One oce oce oce oce oce oce oce oce oce oc	roper holdeing of e fully inserted to set setting before of connector. nnector lock f-locked connector.  nders/Note/s: g process will alarm nnector cannot nomality, STOP and ne attention of the ther instruction and is.

				WORK INSTRUC		May 18,	2023			
		Process Name/Title:		TAPING AS	SEMBLY PRO	CESS	Validity Date:		n/a	1
		Model Code/Part Number:	382D /	/ 7N0175-7020	Customer:	TRJ	Document No.:		WI-ENG-PI	DE-632A
		Purpose:	PROTO	OTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		1 Page No.:	5 of 13
PARTS:	1. Assy	parts						JIG	1. Locking jig Conne (W)	ctor 6098-2220
NO.	I	PROCESS NAME		MORK PROC	EDURE/ ILLUST	RATION	TOOLS/P	PE	QUALITY P	OINTERS
4	P1	Connector lock (Continuation)		e locked connector using left ha	STEP 1	stion, follow the direction of arrow.  Leading to the sequence illustrates the sequence illustra	2 R		1. Maintain 10mm pr wire to connector 2. Connector must be connector slot. 3. Make sure no offs locking process. 4. No wrong setting of 5. No damaged connector slot. 1. Incomplete locking the jig. 2. No retainer in connected. 3. If encountered abnimmediately CALL the leader. WAIT for furth continue the process.	e fully inserted to et setting before of connector. ector lock locked connector.  eters/Note/s: process will alarm ector cannot omality, STOP and attention of the

			WORK INSTRUCTION								ffectivity Date:			May 18,	2023	
		Process Name/Title:		TA	APING AS	SEMB	<b>3LY PR</b>	OCESS	3	V	/alidity Date:			n/a		
		Model Code/Part Number:	382D	/ 7N017	75-7020	Custo	tomer:		TRJ	D	Ocument No.:			WI-ENG-P	)E-632A	
		Purpose:	☐ PROT	TOTYPE		PRE-L	LAUNCH		MASSPRO	R	Revision No.:		1	Page No.:	6 of 1	13
										•						
PARTS:	1. Assy <sub> </sub> 2. Black	parts Corrugated tube Ø5 L=291±	3mm			3. Bla	lack Tape					JIG	n/a			
NO.	Р	ROCESS NAME		WO	RK PROCI	EDURE	=/ ILLUS	TRATIO	N		TOOLS/I	PPE	Q	UALITY P	OINTER	S
5		Wire insertion to Black Corrugated tube Ø5 L=291±3mm	L		— ()) (R			m using righ	ated tube <mark>Ø5</mark> t hand then insert the		n/a			ong use of pa eformed termi		
6	P1	Taping 1 Black corrugated tube to wire near connector	L 25±	25±3mm	1. hold the ass using left hand the black tape right hand the pre-taping.	d. Get e using en stat  3. Aft tapin	using bot process.	are from COT th hands and check the m	5±3mm R  To Connector 25±3mm continue the taping  easurement and		MEASURING 6 7 8 9 10 1 2 3 4	<b>TAPE</b>	2. No pe 3. No loo 4. No m 5. No wi 6. No wi Impor 1. Plea measa	ip-out tape eel-off tape oose tape nissing tape rrong dimensic rrong use of ta  rrtant reminde rase use calibr ruring tape whe rurement.	pe ers/Note/s: ated/verif	fied

			WORK INSTRU	ICTION	Effectivity Date:	May 18, 2023		
		Process Name/Title:	TAPING A	SSEMBLY PROCESS	Validity Date:	n/a		
		Model Code/Part Number:	382D / 7N0175-7020	Customer: TRJ	Document No.:	WI-ENG-PDE-632A		
		Purpose:	☐ PROTOTYPE	☐ PRE-LAUNCH ■ MASSPRO	Revision No.:	1 Page No.: 7 of 13		
PARTS:		Corrugated tube Ø5 L=417± of 0.3 wires B L=582±3mm [2			JIG	n/a		
NO.	F	PROCESS NAME	WORK PRO	CEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS		
7		Wire insertion to Black Corrugated tube Ø5 L=417 ±3mm (no slit)		1. Get the Black Corrugated tube Ø5 L= 417 ±3mm (no slit) using left hand then insert the 2 Black wires by using right hand.	n/a	1.No wrong use of parts. 2. No deformed terminals.  Document references: 1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance		
8	P1	Taping 2 Black corrugated tube to Wire near terminal	1. Hold the assparts using left hand. Get Blad tape using right hand and start pre-taping.  Tape width  108±3mm  Tape width	2. Measure from COT to terminal pointed tip 108±3mm using both hands and continue the taping process.  3. Check the measurement, wire alignment and		1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong dimension 6. No wrong use of tape  Important reminders/Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement.		

				WORK INSTR	UCI	ION		Effectivity Date:
	Process Name/Title:					EMBLY PRO	OCESS	Validity Date:
	Product Name/Code:	382D	1	7N0175-7020		Customer:	TRJ	Document No.:
	Purpose:	☐ PI	ROTOTY	PE		PRE-LAUNCH	MASSPRO	Revision No.:
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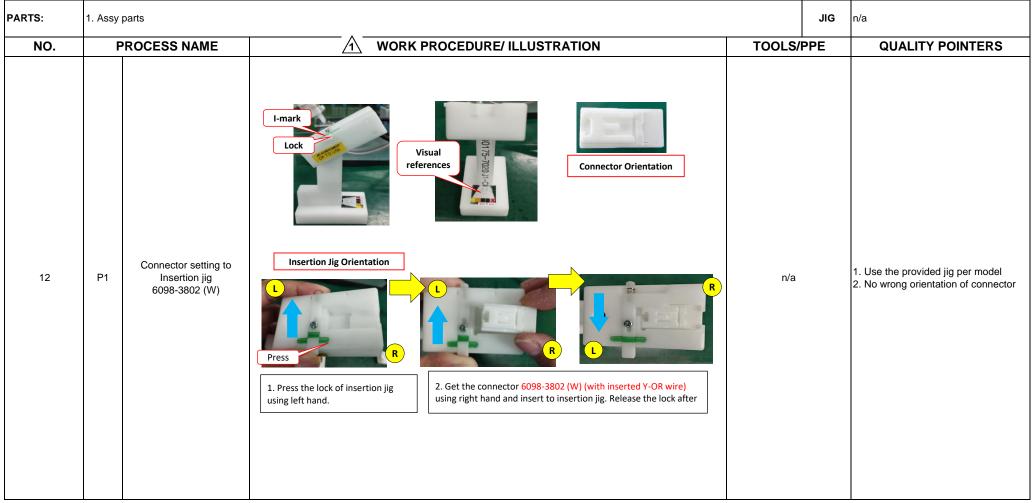
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May 18, 2023 n/a WI-ENG-PDE-632A

8 of 13

			WORK INSTR	Effectivity Date:	May 18, 2023		
		Process Name/Title:	TAPING A	ASSEMBLY PROCES	S	Validity Date:	n/a
		Model Code/Part Number:	382D / 7N0175-7020	Customer:	TRJ	Document No.:	WI-ENG-PDE-632A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No.: 9 of 13
	I						
	1. Assy 2. Black	parts c SV tube (Vinyl) Ø5 L=25±3n	nm			JIG	n/a
NO.	I	PROCESS NAME	<u>∕</u> WORK PRO	OCEDURE/ ILLUSTRATIO	ON	TOOLS/PPE	QUALITY POINTERS
10		Wire insertion to Black SV tube (Vinyl) Ø5 L=25±3mm	1. Combine the assy parts (Y-OR wires with COT ø5 L=417±3mm) then get the Black SV wires using right hand.			n/a	No wrong use of parts.     No deformed terminals.
11	P1	Wire insertion to Connector 6089-3802 (W)	1. Get the Yellow wire and insert to terminal slot 1 using right hand.  1. Get the Yellow wire and insert to terminal slot 1 using right hand.  R  3. Get the Orange wire and insert to terminal slot 2 using right hand.	L R	2. After insertion of Yellow wire. Press the button using right thumb. Slot for Orange Wire will be opened.  4. After insertion, push the lock using left thumb and then hold the wires and gently pull out the connector from jig using right hand.		1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing  Important reminders/Note/s: 1. Please hold the wire near terminal. 2. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.  Document references: 1. Refer to GL-PRO-ASY-029 for Pul Push procedure.

	1			WORK INSTRUC	TION		Effectivity Date:			May 18, 2023		
	Process Name/Title:			TAPING AS	SEMBLY PRO	DCESS	Validity Date:			a		
	Model Code/Part Number:	382D	1	7N0175-7020	Customer:	TRJ	TRJ Document No.:			WI-ENG-P	DE-632A	
	Purpose:	PF	ROTOTYF	PE	PRE-LAUNCH	Revision No.:		1	Page No.:	10 of 13		
PARTS: 1. As	sy parts							JIG	n/a			



			WORK INSTRUCTI	Effectivity Date:	May 18, 2023		
		Process Name/Title:	TAPING ASS	EMBLY PROCESS	Validity Date:	n/a	
		Model Code/Part Number:	382D / 7N0175-7020	Customer: TRJ	Document No.:	WI-ENG-PDE-632A	
		Purpose:	PROTOTYPE	PRE-LAUNCH MASSPRO	Revision No.:	1 Page No.: 11 of 13	
i	1					T	
PARTS:	1. Assy	parts			JIG	1. Insertion jig	
NO.	F	PROCESS NAME	<u></u> MORK PROCED	URE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS	
13	P1	Wire insertion to Connector 6098-3802 (W)	1. Hold the 1st Black wire and insert to terminal slot 3 using right hand. Conduct 2x push-pull after insertion.	Wire facing  2. Hold the 2nd Black wire and insert to terminal slot 3 using right hand. Conduct 2x push-pull after insertion.  3. After insertion, push the lock using left thumb and then hold the wires and gently pull out the connector from jig using right hand.		1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing  Important reminders/Note/s: 1. Please hold the wire near terminal. 2. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.  Document references: 1. Refer to GL-PRO-ASY-029 for Pull-Push procedure.	

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		Model Code/Part Number:	382D		7N0175-7020	Cus	stomer:	TR	J	Document No.:			WI-ENG-P	DE-632A
		Purpose:	PR	ROTOTYP	E	PRE	E-LAUNCH		MASSPRO	Revision No.:		1	Page No.:	12 of 13
										•				
PARTS:	1. Assy	parts									JIG	1. Locki	ng jig	
NO.	P	PROCESS NAME			WORK PROC	EDUR	E/ ILLUSTR	RATION		TOOLS/	PPE	Q	UALITY F	POINTERS
14	P1	Connector lock	3. Press th hand while	Rigl Left  Left thur  Left thur  press the	nector into the jig holding connector, tip first.  R ht thumb-Lower thumb-middle  parts of connector using right holding the middle.  R mb-middle nb-middle e connector in the middle hand.	6. Er touc	4. Press the upphand while left	ight thumb-upeft thumb-mid per part of contained holding to	nector using right	LOCKING	JIG	2. No wi 3. No wi 4. No da	Before p  After pro  A	ressing  NG  Half Lock  Hers/Note/s: Imay cause

