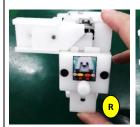
					WORK INST	DUCTION				⊏#∽∽	tivity Date:		March 7, 202	22
		Process Name/Title:				ASSEMBLY PROC	FCC				lity Date:		n/a	23
			477D	,				200						PEO A
		Model Code/Part Number:	177D	1	7L0128-7020A	Customer:	IK	QSS		Docu	ıment No.:		WI-ENG-PDE-3	DOZA
		Purpose:	PR	OTOTYF	E	PRE-LAUNCH	MASS	PRO		Revis	sion No.:	2	Page No.:	1 of 10
												1		
PARTS:						Corrugated tube ø7 L=212±3				ø7	JIG:	1. Insertic	n jig with switch cov	er
	L=115±	3mm (no slit); Connector 618	9-0451 (W); T	VSSf 0.	,	lack Corrugated tube ø5 L=51	,	slit); Black to	ape			3. Termin	al cover jig	
NO.	F	PROCESS NAME			WORK PR	ROCEDURE/ ILLUSTR/	ATION				TOOLS/PPE		QUALITY POIN	ITERS
1	P1	Table Lay-out		ctor 6188 Connecto	-0066 (GR)/ or tray Insertion jig A			Con	ack Corrugate tube L= 512±2mm (i	op op 1 2. www. k	Safety Instruction Sure to wear requipersonal protective equipment during overation (gloves, fincots, etc.) Housekeeping Maintain and alway practice 5's. Personal things on orkplace is prohibit (seep it in your locked) Alert level or any trouble, infone Assembly Assistate pervisor or Line Lear immediate correct action.	ired e is ger Docume 1. Refer Length 7 ays the ted. 2. No exc rm ant ader tive	int reference/s: " to WI-PRO-CNC-017 for olerance sing parts/tools ess parts/tools	
	Work in	struction improvement. Change of	tolerance from	34+/-3n		termeasure for encountered NG					Prepared by	Reviewed by	Approved by	Noted by
03/07/23 2	dimension	on from end of tape up to termina ints (Page 10).					D. Castillo	J. Loterte	C. Villanueva	A. Arañes				
01/17/22 1	to chang	from Pre-launch to Masspro. Ado le in COT length from φ5 L=517±	litional Table La 5mm to φ5 L=5°	y-out; C 12±2mm	hange part number from 7L0 n due to removal of tolerance	0128-7020 to 7L0128-7020A due e from COT to MR SW.	K. Doria		C. Villanueva	A. Arañes	Jestino	Sin	Josep How	A STATE OF THE STA
10/13/21 0	Initial iss	ue					K. Doria	J. Loterte	C. Villanueva	A. Arañes	D. Castillo	J. Loterte	C. Villanueva	A. Arañes
Eff. Date Rev. No	0		De	etails of (Change		Revised	Reviewed	Approved	Noted	Est. Date:	October 13, 2021		

			WORI	(INSTRUCTION		Effectivity Date:			March 7,	2023	
		Process Name/Title:	TA	PING ASSEMBLY PROP	CESS	Validity Date:			n/a		
		Model Code/Part Number:	177D / 7L012	28-7020A Customer:	TRQSS	Document No.:		WI-ENG-PDE-352A			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		2	Page No.:	2 of 10	
PARTS:	1. Con	nector 6188-0066 (GR)					JIG	1. Insert	ion jig with sw	ritch cover	
NO.		PROCESS NAME	WC	ORK PROCEDURE/ ILLUSTR	ATION	TOOLS/	PPE	Q	UALITY PO	DINTERS	
			Insertion jig with switch covered to the swi		CONNECTOR ORIENTATION			I-mai alig			
2	P1	Connector setting to insertion jig 6188-0066 (GR)	Press	Press	Release	n/a		I-marl not al	:~~	2 holes are open	

1. Press the lock using left thumb.

2. Get the connector **6188-0066** (GR) using right hand and insert to insertion jig. Release the lock after insertion.

Note: Follow the connector orientation.





3. Push the lower wire guide upward using left thumb. Slot for **Yellow wire** will be opened.

Use the provided jig per model

2. No wrong orientation of connector

3. No wrong use of connector4. No damaged connector

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			WORK INSTRUCTION	ON		Effectivity Date:		March	7, 2023
Process Name/Title:			TAPING ASSE	APING ASSEMBLY PROPCESS			n/a		/a
Model Code/Part Number: 177D / 7L		7L0128-7020A	Customer:	TRQSS	Document No.:		WI-ENG-F	PDE-352A	
Purpose:	P	ROTOTYP		PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	3 of 10

PARTS: 1. AVSSf 0.3 wires Y L=384±2mm; OR L=384±2mm JIG 1. Insertion jig with switch cover **PROCESS NAME WORK PROCEDURE/ ILLUSTRATION** TOOLS/PPE **QUALITY POINTERS** NO. WIRE FACING 1. No loose insertion 2. No wrong insertion 3. One by one insertion Press 4. No deformed terminal 5. No wrong wire facing Yellow wire 2. Press the button using right thumb. The 1. Hold the insertion jig using left hand. Get slot for Orange wire will be opened. the Yellow wire then insert to terminal slot Important reminders/Note/s: 1. Please hold the wire near terminal. Wire insertion to connector 1 using right hand. P1 3 n/a 2. Make sure wires are properly 6188-0066 (GR) inserted. Conduct Pull-Push-Pull-Push after insertion. Orange wire Do not exert extra force. Document references: 1. Refer to GL-PRO-ASY-029 for Pull-Push procedure. 2. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance **Press** 4. After insertion, push the lock using left thumb 3. Get the Orange wire then insert to and then hold the wires and gently pull out the terminal slot 2 using right hand. connector from jig using right hand.

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			Effectivity Date:		March	7, 2023				
Process Name/Title:			TAPING ASSE	TAPING ASSEMBLY PROPCESS				n/a		
Model Code/Part Number:	177D	1	7L0128-7020A	Customer:	TRQSS	Document No.:		WI-ENG-F	PDE-352A	
Purpose:	☐ PI	ROTOTYP	E 🗆	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	4 of 10	

ARTS:	Black Corrugated tube Ø7 L= 21: Black Corrugated tube Ø7 L= 11:	±3mm (no slit) 3. Assy parts ±3mm (no slit)	JIG	1. Insertion jig
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
4	Wire insertion to COT (no slit) Ø7 L= 212±3mm (1ST) Ø7 L= 115±3mm (2ND)	1. Hold the wires using left hand. Get the Corrugated tube (no slit) Ø7 L=212±3mm using right hand then insert the Y-OR wires using left hand. 2. Hold the wires using left hand. Get the Corrugated tube (no slit) Ø7 L=115±3mm using right hand then insert the Y-OR wires using left hand.	n/a	No wrong use of parts No deformed terminal
5	Connector setting to insertion jig 6189-0451 (W)	Visual reference Button INSERTION JIG ORIENTATION	n/a	Use the provided jig per model No wrong orientation of connect No wrong use of connector No damaged connector



			WORK INSTRUC	TION		Effectivity Date:		March 1	7, 2023
Process Name/Title:	Process Name/Title: TAPING A			SEMBLY PRO	PCESS	Validity Date:	n/a		
Model Code/Part Number: 177D / 7L0128-7020A		7L0128-7020A	Customer:	TRQSS	Document No.:	WI-ENG-PDE		'DE-352A	
Purpose:	☐ PI	ROTOTYP	E	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	5 of 10

PARTS: 1. Connector 6189-0451 (W) JIG 1. Insertion jig TOOLS/PPE **QUALITY POINTERS PROCESS NAME WORK PROCEDURE/ ILLUSTRATION** NO. **CONNECTOR ORIENTATION** ILLUSTRATION I-mark is align 1 hole is open 1. Press the lock using left 2. Get the connector **6189-0451 (W)** using right hand and insert to thumb. insertion jig. Release the lock after insertion. Note: Follow the connector orientation. Connector setting to insertion jig I-mark is P1 5 n/a not align 6189-0451 (W) 2 holes are open (Continuation) 3. Push the lower wire guide upward using left thumb. Slot for Yellow wire will be opened. 1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector

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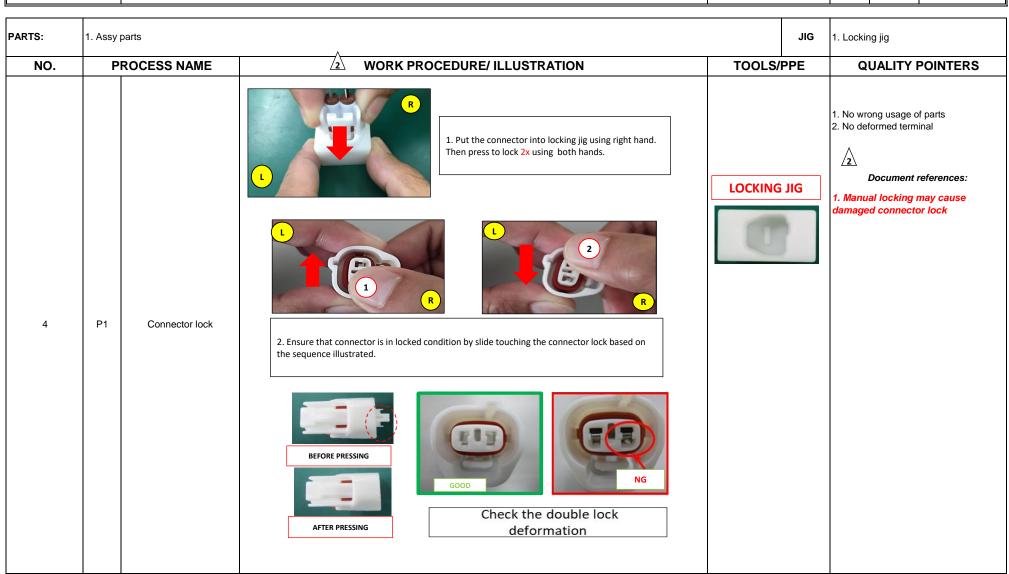
			WORK INSTRUCT	RK INSTRUCTION E				March	7, 2023
Process Name/Title:			TAPING ASS	EMBLY PRO	PCESS	Validity Date:	n/a		
Model Code/Part Number: 177D / 7L01		7L0128-7020A	Customer:	TRQSS	Document No.:		WI-ENG-F	DE-352A	
Purpose:	☐ PF	ROTOTYF	PE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	6 of 10

PARTS: 1. Assy parts JIG 1. Insertion jig **QUALITY POINTERS PROCESS NAME WORK PROCEDURE/ ILLUSTRATION** TOOLS/PPE NO. WIRE FACING 1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing /2\ 2. Press the button using right thumb. The 1. Hold the insertion jig using left hand. Get the Yellow wire then insert to terminal slot slot for Orange wire will be opened. Important reminders/Note/s: Wire insertion to connector 1 using right hand. P1 n/a 6 1. Please hold the wire near terminal. 6189-0451 (W) 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. 2. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance 4. After insertion, push the lock using left thumb 3. Get the Orange wire then insert to and then hold the wires and gently pull out the terminal slot 2 using right hand. connector from jig using right hand.

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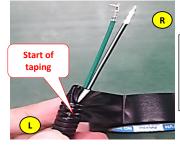
			WORK INSTRUCT	TION		Effectivity Date:	March 7, 2023
Process Name/Title:			TAPING ASS	TAPING ASSEMBLY PROPCESS			n/a
Model Code/Part Number:	177D	1	7L0128-7020A	Customer:	TRQSS	Document No.:	WI-ENG-PDE-352A
Purpose:	☐ PI	ROTOTY	PE	PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 7 of 10



				RK INSTRUCTION		Effectivity Date:		March 7, 20	123
		Process Name/Title:		APING ASSEMBLY PROF		Validity Date:		n/a	
		Model Code/Part Number:	177D / 7L01	28-7020A Customer:	TRQSS	Document No.:		WI-ENG-PDE-	352A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		2 Page No.: 8 of 10	
PARTS:		c corrugated tube ø5 L= 512± Sf 0.3 G-B/W L=822±3mm	±2mm (no slit)	3. Black tape			JIG	Terminal cover jig	
NO.	Р	ROCESS NAME	W	ORK PROCEDURE/ ILLUST	RATION	TOOLS/	PPE	QUALITY POI	NTERS
5	P1	Wire insertion to corrugated tube ø5 L=512±2mm (no slit)	1. Get the terminal cover jig usi then insert the G-B/W wires usi	(no slit) using wires using lo	ion, remove the terminal cover	TERMINCOVER		No wrong usage of par No deformed terminal	ts

Taping 1 Black COT to wire near terminal

6



1. Hold the COT using left hand, get the **black tape** using right hand then start pre-taping using both hands. Note:

MEASURING TAPE 678911123456789 Printer MVN reper YVX |

- 1. No peel-off tape
- No flip out tape
 No loose tape

- 4. No wrong use of tape
- No wrong dimension
- 6. No missing tape

Important reminders/Note/s:

1. Please use calibrated/verified measuring tape when getting the measurement.

Document reference/s:

1. Please refer to WI-PRO-ASY-001 for taping procedure.

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				WORK INSTRUC			Effectivity Date:		March	n 7, 2023
		Process Name/Title:		TAPING ASS	EMBLY P	ROPCESS	Validity Date:		ı	n/a
		Model Code/Part Number:	177D /	7L0128-7020A	Customer:	TRQSS	Document No.:		WI-ENG-	PDE-352A
		Purpose:	PROTOTYPE	[PRE-LAUNCH	MASSPRO	Revision No.:		2 Page No.:	9 of 10
	ı	•					•	1	1	
PARTS:	1. Assy 2. Blac							JIG	n/a	
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLU	JSTRATION	TOOLS/	PPE	QUALITY	POINTERS
7		Taping 1 Black COT to wire near terminal (Continuation)	Tape width 7 8 9 3	59±3mm 2 3 4 1 2 3 4 1 2 3 4	5 6 R R S S S S S S S S S S S S S S S S S	2. Measure from end of COT up to terminal pointed tip 59±3mm then continue the taping process using both hands. 3. Confirm measurement from end of tape up to end of COT 25±3mm then continue the taping process using both hands. 4. Measure from end of tape up to terminal pointed tip 34(+3/-1mm) then continue the taping process using both hands.	MEASURI TAPE	NG 5 6 7 8 9	1. No peel-off tape 2. No flip out tape 3. No loose tape 4. No wrong use of ta 5. No wrong dimension 6. No missing tape 2 Important remi 1. Please use call	pe inders/Note/s: ibrated/verified when getting the ence/s: WI-PRO-ASY-001 ure.

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