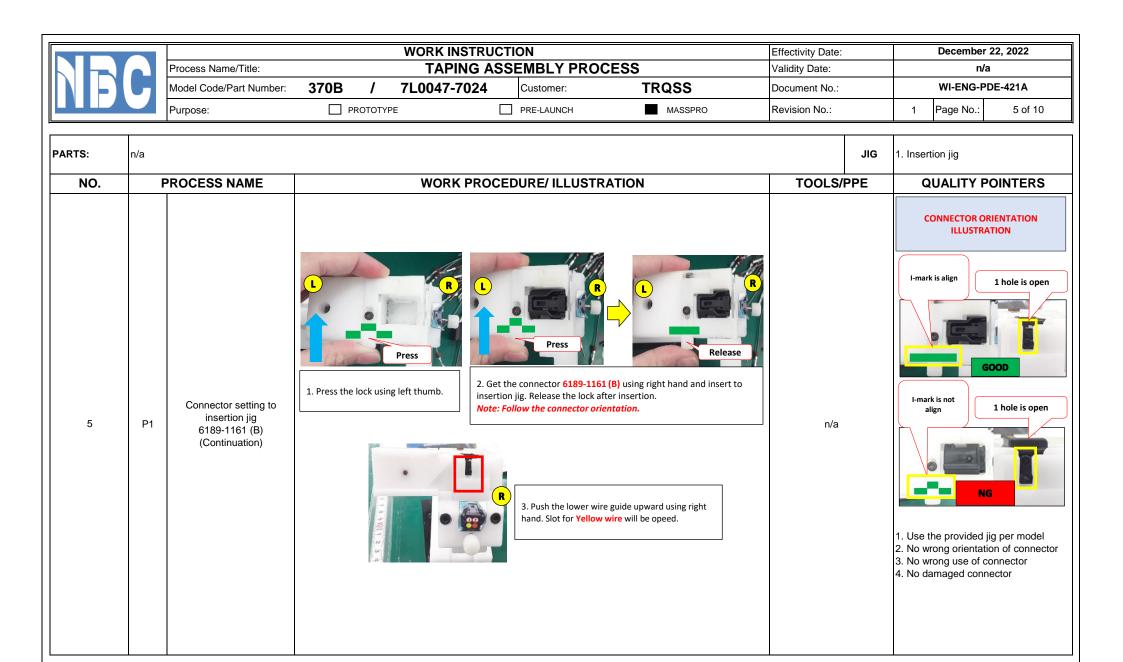
					WORK INS	TRUCTION				Effe	ctivity Date:		December 22, 2	022
		Process Name/Title:			TAPIN	G ASSEMBL'	Y PROCESS			Vali	dity Date:		n/a	
		Model Code/Part Number:	370B	1	7L0047-7024	Customer:		TRQSS		Doc	ument No.:		WI-ENG-PDE-4	21A
		Purpose:	PF	ROTOTYPI	≣	PRE-LAUNCH		MASSPRO		Rev	ision No.:	1	Page No.:	1 of 10
										<u> </u>		<u> </u>		
PARTS:	slit) ø7 L	; Connector 6189-1142(W); C =312±3mm; Corrugated tube tube ø5 L=106±3mm; Black	(no slit) ø7 L								JIG:	 Insertion Locking j Terminal 		r
NO.	Р	ROCESS NAME			WORK P	PROCEDURE/ II	LLUSTRATION	ı			TOOLS/PPE	1\	QUALITY POIN	TERS
1	P1	Table Lay-out	Corrug	gated tubor 7 L=187±3	42 (W)/ by Corruga slit) ø5	Y-OR MR SW.	Connector 6189- Connector t Co	ray		2 2 v	Safety Instruction e sure to wear require personal protective equipment during peration (gloves, finge cots, etc.) Housekeeping 1. Maintain and alway practice 5's Personal things on the vorkplace is prohibited. Keep it in your locker. Alert level For any trouble, inform the Assembly Assistan upervisor or Line Lead or immediate corrective action.	Documer 1. Refer to Length To 2. Refer to without V 1. No missi 2. No excess	WI-PRO-KIT-005 for	
	1				Revision History					. <u>. </u>	Prepared by	Reviewed by	Approved by	Noted by
12/22/22 1	Improv-	gualitu paintara. Daminda /+-	and refere	aa laali:-!	on of Quality shoots - int-				- 0 VIII	A A7	My Cutapar Z	May	1/1-14	Alax
02/22/22 0	Improve Initial issu	quality pointers: Reminders/notes e	and reference	es. Inclusi	on or Quality checkpoints		M. Cata			A. Arañes A. Arañes	M. Catapang	J. Loterte	C. Villanueva	A. Arañes
Eff. Date Rev. No	,		Do	etails of C	hange		Revi			Noted		ebruary 22, 2022	,5. Timeriae Tu	, , , , , , , , , , , , , , , , , , , ,

				WORK INSTRUC	CTION		Effectivity Date:	December 22, 2022
		Process Name/Title:		TAPING AS	SEMBLY PRO	OCESS	Validity Date:	n/a
		Model Code/Part Number:	370B /	7L0047-7024	Customer:	TRQSS	Document No.:	WI-ENG-PDE-421A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No.: 2 of 10
PARTS:	1. Conn	ector 6189-1142 (W)					JIG	1. Insertion jig
NO.	Р	ROCESS NAME		WORK PROC	EDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
2	P1	Connector setting to Insertion jig 6189-1142 (W)	Visual reference Press 1. Press the insertion jusing left hand.	R Press 2. Get ti insertion Note: Fi	Insertion Jig Orient	Tation Connector Orientation Release R 42 (W) using right hand and insert to after insertion. rientation.	n/a	CONNECTOR ORIENTATION ILLUSTRATION 1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector

			WORK INSTRUC	CTION	Effectivity Date:			December	r 22, 2022	
		Process Name/Title:		TAPING ASSEMBLY PROCESS Validity Date:						
		Model Code/Part Number:	370B / 7L0047-7024	Customer: TRQSS	Document No.:			WI-ENG-P	PDE-421A	
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH MASSPRO	Revision No.:		1	Page No.:	3 of 10	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u> </u>						
PARTS:	1. AVS	Sf 0.3 wires Y L=414±3mm, C	OR L=414±3mm			JIG	1. Insert	ion jig		
NO.	F	PROCESS NAME	WORK PROC	EDURE/ ILLUSTRATION	TOOLS/F	PPE	/1\ Q	UALITY F	POINTERS	
2	P1	Wire Insertion to connector 6189-1142 (W)	1. Hold the insertion jig using left hand. Get the Yellow wire then insert to terminal slot 1 using right hand. 1. Wellow wire then insert to terminal slot 1 using right hand. 2. Orange wire R 3. Get the Orange wire then insert to terminal slot 2 using right hand.	Wire facing 2. Press the button using right thumb. The 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.	n/a		1. No loc 2. No wr 3. One b 4. No de 5. No wr Importa 1. Please 2. Make Conduct insertion Do not e Docume 1. Refer procedur 2. Refer	prevent's ose insertior ong insertior ong insertior ong wire fact ong wire fact ong wire fact ong wire fact on the sure wires a congruent reminders, one hold the wire one wires a congruent references on the re	/Note/s: re near terminal. re properly inserted. Pull-Push after rce. : Y-029 for Pull-Push	

				WORK INSTRUCT	ION			Effectivity Date:			December	22, 2022
		Process Name/Title:		TAPING ASS	EMBLY PI	ROCESS		Validity Date:			n/a	a
		Model Code/Part Number:	370B /	7L0047-7024	Customer:	TRQSS		Document No.:			WI-ENG-P	DE-421A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSF	PRO	Revision No.:		1	Page No.:	4 of 10
											<u></u>	
PARTS:	1. Assy 2. Black	parts corrugated tube (no slit) ø7 l	_=187±3mm			gated tube (no slit) ø5 L= 6189-1161 (B)	=178±3mm		JIG	1. Insertion jig		
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLU	STRATION		TOOLS/	PPE	QUALITY POINTERS		
4		Wire insertion to Black corrugated tube (no slit) Ø7 L= 187±3mm (1ST) Ø5 L= 178±3mm (2ND)		left hand. Get the Corrugate: 3mm using right hand then using left hand.	2. Hold Corrug	the wires using left hand. Grated tube (no slit) Ø5 L=178: and then insert then Y-OR w	±3mm using	n/a			ong use of p	
5	P1	Connector setting to insertion jig 6189-1161 (B)	Visual reference Guide	Button	RORIENTATION	I-mark Lock INSERTION JIG ORIENTA	ATION	n/a		 No wr No wr 	ne provided j ong orientati ong use of c ımaged conr	



			WORK INSTRUCTION		Effectivity Date:	December 22, 2022		
		Process Name/Title:		EMBLY PROCESS	Validity Date:	n/a		
		Model Code/Part Number:	370B / 7L0047-7024	Customer: TRQSS	Document No.:	WI-ENG-PDE-421A		
		Purpose:	☐ PROTOTYPE ☐	PRE-LAUNCH MASSPRO	Revision No.:	1 Page No.: 6 of 10		
		<u> </u>						
PARTS:	1. Assy	parts			JIG	Insertion jig		
NO.	F	PROCESS NAME	WORK PROCED	URE/ ILLUSTRATION	TOOLS/PPE	1 QUALITY POINTERS		
6	P1	Wire insertion to connector 6189-1161 (B)	1. Hold the insertion jig using left hand. Get the Yellow wire then insert to terminal slot 1 using right hand. Orange wire R 3. Get the Orange wire then insert to terminal slot 2 using right hand.	2. Press the button using right thumb. The 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.		Note: During insertion, hold the wire not rubber seal to prevent sagging. 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.		

			W		Effectivity Date:	December 22, 2022		
		Process Name/Title:		TAPING ASSE	MBLY PROCE	SS	Validity Date:	n/a
		Model Code/Part Number:	370B / 7L	L0047-7024	Customer:	TRQSS	Document No.:	WI-ENG-PDE-421A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No.: 7 of 10
							1	
PARTS:	1. Assy 2. Black	parts tape						JIG 1. Locking jig
NO.	P	PROCESS NAME		WORK PROCEDI	URE/ ILLUSTRAT	ION	TOOLS/PP	PE /1 QUALITY POINTERS
7		Connector lock	loc usi cor	Put the connector into cking jig and push down 2x ing both hands. Check the nnector lock if properly cked. After Pressing	NG	NG GOOD HALF LOCKED CONDITION FULLY LOCKED CONDITION	LOCKING JI	Important reminders/Note/s: 1. MANUAL LOCKING MAY CAUSE DAMAGED CONNECTOR 1. No unlock/half-locked connector 2. No damaged lock
8	P1	Taping 1 COT to wire near connector	1. Hold the assy parts us get Black tape then con taping using both hands 25±3n Tape width	to c	9 10	ng both hands.	MEASURING TA	1. No flip-out tape 2. No peel-off tape

				WORK INSTRUC	TION		Effectivity Date:		December 22, 2022
		Process Name/Title:		TAPING AS	SEMBLY F	PROCESS	Validity Date:		n/a
		Model Code/Part Number:	370B /	7L0047-7024	Customer:	TRQSS	Document No.:		WI-ENG-PDE-421A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		1 Page No.: 8 of 10
		<u> </u>					1		
PARTS:		SSf 0.3 wires B L=684±3mm [2 SW CP TVSSf 0.3 G-B/W L=			 Black Sur Black tap 	nprene tube ø5 L=106±3mm e		JIG	n/a
NO.		PROCESS NAME	S NAME WORK PROCEDURE/ ILLUSTRATION						1 QUALITY POINTERS
9		Wire Insertion to Sunprene tube ø5 L=106±3mm			hand using	old the G-B/W and 2 Black wires using left . Get the Sunprene tube ø5 L= 106±3mm g right hand. Insert the wires using left hand. tion must be 2 wires at a time.	n/a		No wrong use of parts No deformed terminal
10	P1	Taping 2 Sunprene tube to wire near terminal/hotmelted wire	Measure from ence terminal pointed tip using both hands. To the second se	80±3mm R I of sunprene tube up to er and edge of hotmelted wire appe width Tape width A the measurement, wire a	nd of re 80±3mm	2. Hold the vinyl tube using left hand, get the Black tape then start taping using both hands.	MEASURING	1. 5 6 7 8 9 (1. 2 60 30 30 30 30 30 30 30 30 30 30 30 30 30	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 INSTRUC	TION		Effectivity Date:			December :	22, 2022
		Process Name/Title:		TAPING AS	SEMBLY PR	ROCESS	Validity Date:			n/a	
		Model Code/Part Number:	370B /	7L0047-7024	Customer:	TRQSS	Document No.:			WI-ENG-PE)E-421A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		1	Page No.:	9 of 10
	1	<u> </u>					1	•		<u> </u>	
PARTS:	1. Black 2. Assy	Corrugated tube ø7 L=312± parts	:3mm (no slit)					JIG	n/a		
NO.	P	ROCESS NAME		WORK PROCE	DURE/ ILLUS	STRATION	TOOLS/	PPE	Ql	JALITY P	OINTERS
11		Wire insertion to Corrugated tube ø7 L=312±3mm	L	R	1. Get the col hand then ins hand.	rrugated tube ø7 L=312±3mm using right sert the Black(n=2), G-B/W wires using left	n/a			ong use of pa formed termi	
12	P1	Wire insertion to Assy parts		T ø7 L=187±3mm R d part set aside earlier using right hand.	g left hand then ins	ert the 4 wires on COT	n/a			ong insertion formed termi	

WORK INSTRUCTION	Effectivity Date:	December 22, 2022
Process Name/Title: TAPING ASSEMBLY PROCESS	Validity Date:	n/a
Model Code/Part Number: 370B / 7L0047-7024 Customer: TRQSS	Document No.:	WI-ENG-PDE-421A
Purpose: ☐ PROTOTYPE ☐ PRE-LAUNCH ■ MASSPRO	Revision No.:	1 Page No.: 10 of 10
PARTS: 1. Assy parts	JIG	n/a
QUALITY CHECKPOINTS	I	
P1 7L0047-7024		
NO GOOD NO GOOD O O O O O O O O O O O O		Proper alignment of B-B wires and PCB Missing COT