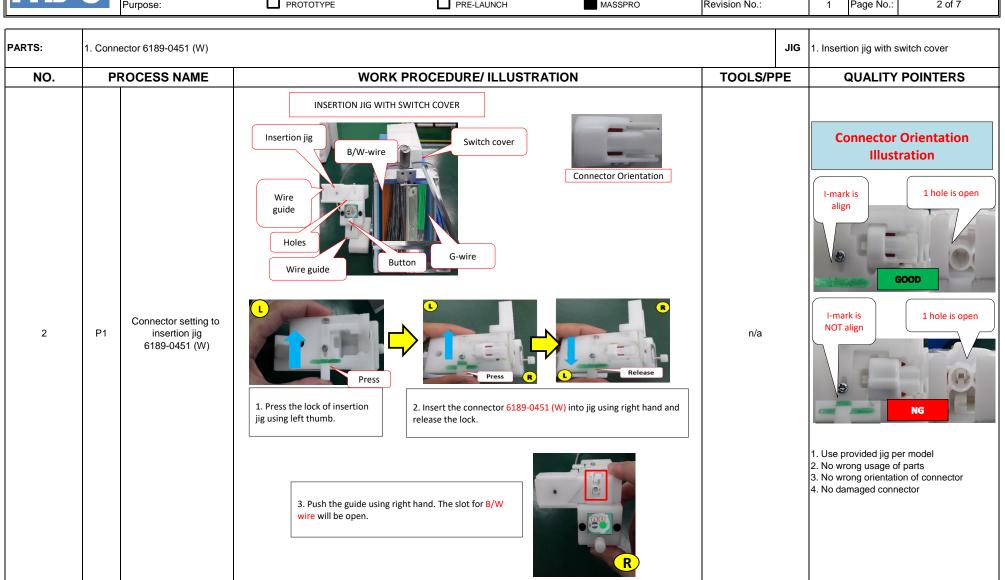
				WO	RK INS	TRUCTION				Effectivity Date:			February 22, 2023	
		Process Name/Title:				3 ASSEMBLY P	ROCESS			Validity Date:			n/a	
		Model Code/Part Number:	150B	/ 7L0060-	7023	Customer:	T	RQSS	1	Document No.:			WI-ENG-PDE-385A	
		Purpose:	☐ PI	ROTOTYPE		PRE-LAUNCH		MASSPRO		Revision No.:		1	Page No.:	1 of 7
PARTS:	TVSSf	arts; Connector 6189-0451 ( 0.3 G wire L=548±3mm; Bla				·	. ,	01±3mm; TVSSf 0.3 E	B/W wire L		JIG: 2	2. Terminal co 3. Locking jig		
NO.	Р	ROCESS NAME		W	ORK PI	ROCEDURE/ ILLU	JSTRATION			TOOLS	/PPE	QI	JALITY POINTE	RS
1	P1	Table Lay-out	Insertion	Connector 6189-0451 (W)// Connector Tray  71.0060-7021  In Jig with Switch cover		TABLE LAY-OU  O.3 Wires 548±3mm  TVSSf 0.3 G L=548±  Terminal cover jig	Wires 3mm	Black VM tube (Sunprene) Ø5 L=101±3mm  Black Corrugated tube (No slit) Ø5 L=352±3mm		Safety Instr Be sure to prescribed p protective eq during opei (gloves, finging etc.)  Housekee  1. Maintain an practice! 2. Personal th the workpla prohibited. Ke your lock  Alert le For any troubl the Assembly Supervisor of Leader for im corrective a	wear ersonal uipment ration er cots,  eping d always 5's. lings on ace is eep it in eer.  vel e, inform Assistant or Line mediate	<u> </u>	parts/tools positions of parts/tools  Document references  VI-PRO-CNC-017 for	s:
				Re	evision Hist	ory			l.		Prepared by	Review	red Approved by	Noted by
02/22/23 1		struction improvement. Improve Black VM tube (Sunprene).	d quality pointe	ers and inclusion of Qualit	ty checkpoir	nts (Page 7). Change term	n Black sunprene	D.Castillo J. Loterte	C. Villanu	ieva A.Arañes				
01/29/22 0	Initial Iss	ue. of PCB from 2 chips (61C619-0	1002) to 1 chin	(7N0994-7060): Change	wire color	from Gray (GR) to Green	(G)	K. Doria J. Loterte	C. Villanu	ieva A.Arañes	D. Castillo	J. Lote	-6/out 1/1/out	A.Aranes
Eff. Date Rev. No	onange	011 05 110111 2 011p3 (010013-0	1002) to 1 chilp	Details of Change	WITE COIUI	nom Gray (GIV) to Green		Revised Reviewed	Approv	ed Noted	Established Da		Januaty 29, 2022	/ A.ALBURS
			11-		_		1	,			•		•	
ONFIDENTIAL: An	v misuse	or misappropriation, including		NBC (Philippine	s)									

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			Effectivity Date:		February 22, 2023				
Process Name/Title:		Validity Date:	n/a						
Model Code/Part Number:	150B	1	7L0060-7023	Customer:	TRQSS	Document No.:	WI-ENG-PDE-385A		-PDE-385A
Purpose:	☐ PI	ROTOTY	PE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	2 of 7



		WORK INSTRUCTION								
	Process Name/Title:			TAPING A	SSE	EMBLY PRO	CESS	Validity Date:		
	Model Code/Part Number:	150B	1	7L0060-7023		Customer:	TRQSS	Document No.:		
	Purpose:	☐ PF	ROTOTYI	PE		PRE-LAUNCH	MASSPRO	Revision No.:		

Page No.: 3 of 7 PARTS: 1. TVSSf 0.3 Wires G L=548±3mm; B/W L=548±3mm JIG 1. Insertion jig with switch cover TOOLS/PPE NO. PROCESS NAME **WORK PROCEDURE/ILLUSTRATION QUALITY POINTERS** 1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing Important reminder/ Note/s: Black/White Wire facing 1. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after Press insertion. Do not exert extra force. 2. After insertion of B/W wire press the 1. Get the B/W wire then insert to button using right hand. The slot for G wire terminal slot 1 using right hand. Wire insertion to will be open. Document references: 3 P1 Connector n/a 6189-0451 (W) Green 1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance 2.Refer to GL-PRO-ASY-029 for Pull-Push procedure. 3. Get the G wire then insert to terminal 4. After insertion, push the lock using left thumb slot 2 using right hand. and then hold the wires and gently pull out the connector from jig using right hand.

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February 22, 2023 n/a WI-ENG-PDE-385A



			Effectivity Date:	February 22, 2023				
Process Name/Title:	Validity Date:		n/a					
Model Code/Part Number: 150B / 7L006		7L0060-7023	Customer:	TRQSS	Document No.:		WI-ENG-PDE-385A	
Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	4 of 7

1. Ass	y parts		JIG	1. Locking jig
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
4 P1	Connector lock	1. Put the connector into locking jig using right hand. Then press to lock 2x using both hands.  1. Put the connector into locking jig using right hand. Then press to lock 2x using both hands.  2. Ensure that connector is in locked condition by slide touching the connector lock based on the sequence illustrated.  BEFORE PRESSING  Check the double lock deformation	LOCKING JIG	1. No wrong usage of parts 2. No deformed terminal  Document references: 1. Manual locking may cause damaged connector lock  Document references:

		Effectivity Date:	February 22, 2023				
	Process Name/Title:	TAPING AS	SSEMBLY PROCESS	Validity Date:	n/a		
	Model Code/Part Number:	150B / 7L0060-7023	Customer: TRQSS	Document No.:	WI-ENG-PDE-385A		
	Purpose:	PROTOTYPE	PRE-LAUNCH MASSPRO	Revision No.:	1 Page No.: 5 of 7		
PARTS:	1. Black Corrugated tube (no slit) a 2.Black tape	ø5 L=352±3mm 3. Assy Parts		JIG	1. Terminal cover jig		
NO.	PROCESS NAME	WORK PROC	EDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS		
		L R	Get the terminal cover jig using right hand then insert the Green-Black/white wires using left hand				
5	Wire insertion to corrugated tube ø5 L= 352±3mm (no slit)	L MANAGE R	2. Get the Corrugated tube ø5 L= 352±3mm using right hand and insert the Green-Black/White wires using left hand .	TERMINAL COVER JIG	No wrong use of corrugated tube     No deformed terminal		
		L R	3. After insertion, remove the te <b>rm</b> inal cover jig using right hand.				
6	P1 Taping 1 COT to wire near connector	using left h Black tape hand and s	2. Measure the corrugated tube up to connector 25±3mm using left hand then proceed to taping.  Note: 0 - 5mm  → End tape up to connector (includes rubber seal)  3. After taping, check the measurement and taping	MEASURING TAPE  8 7 8 9 10 1 2 3 4 \$ 6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	1. No peel-off tape 2. No flip out tape 3. No loose tape 4. No wrong use of tape 5. No wrong dimension 6. No missing tape  Important reminders/ Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement. 2. Refer to WI-PRO-ASY-001 for taping procedure.		

		WORK INSTRUCTION	Effectivity Date:	February 22, 2023				
	Process Name/Title:	TAPING ASSE	MBLY PROCESS	Validity Date:	n/a			
	Model Code/Part Number:	150B / 7L0060-7023	Customer: TRQSS	Document No.:	WI-ENG-PDE-385A			
	Purpose:	□ PROTOTYPE □ P	RE-LAUNCH MASSPRO	Revision No.:	1 Page No.: 6 of 7			
PARTS:	Black tape     Assy parts	3. Black VM tube (Sunprene	) ø5 L=101±3mm	JIG	N/A			
NO.	PROCESS NAME	WORK PROCEDU	IRE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS			
7	Wire insertion to Black VM tube (Sunprene) ø5 L=101±3mm	L	Get the Black VM tube (Sunprene) ø5 L=101±3mm using right hand and insert the wires using left hand.	n/a	No missing parts/tools     No excess parts/tools			
8	Taping 2 Black Corrugated tube to Black VM tube (Sunprene)	1. Hold the COT using left hand and fix the VM tube (Sunprene) using right hand.  Tape width  R  Tape width	2. Hold the assy parts using left hand. Get the Black tape and start the taping process using right hand.  3. After taping, check the measurement and taping condition.	MEASURING TAPE  6 7 8 9 10 1 2 3 4 5 6 7 8 9 9 10 10 2 3 4 5 6 7 8 9 9 10 10 3 10 10 3 10 10 3 10 10 10 3 10 10 10 10 10 10 10 10 10 10 10 10 10	Important reminders/ Note/s: 1. Please use calibrated/verified measurement. 2. Refer to WI-PRO-ASY-001 for taping procedure.  1. No flip out tape 2. No tape peeling 3. No loose tape 4. No wrong use of tape 5. No wrong dimension 6. No missingf tape			

T	WORK INSTRUCT	ION		Effectivity Date:		February 2	22 2023			
Process Name/Title:		SEMBLY PROCES	S	Validity Date:		n/a				
Model Code/Part Number:	150B / 7L0060-7023	Customer:	TRQSS	Document No.:		WI-ENG-PD	DE-385A			
Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	7 of 7			
T diposo.			teel itte	1.10110101111011		- ago . to				
PARTS: n/a	٨				<b>JIG</b> n/a					
	∠1\ QUA	ALITY CHECKPOINTS	6		•					
P1	7	L0060-7	<mark>7023</mark>							
GOOD GOOD  NO GOOD  NO GOOD	GOOD  NO GOOD	4		4		GOO!				
NO GOOD NO GOOD NO GOOD  NO GOOD NO GOOD  NO GOO										