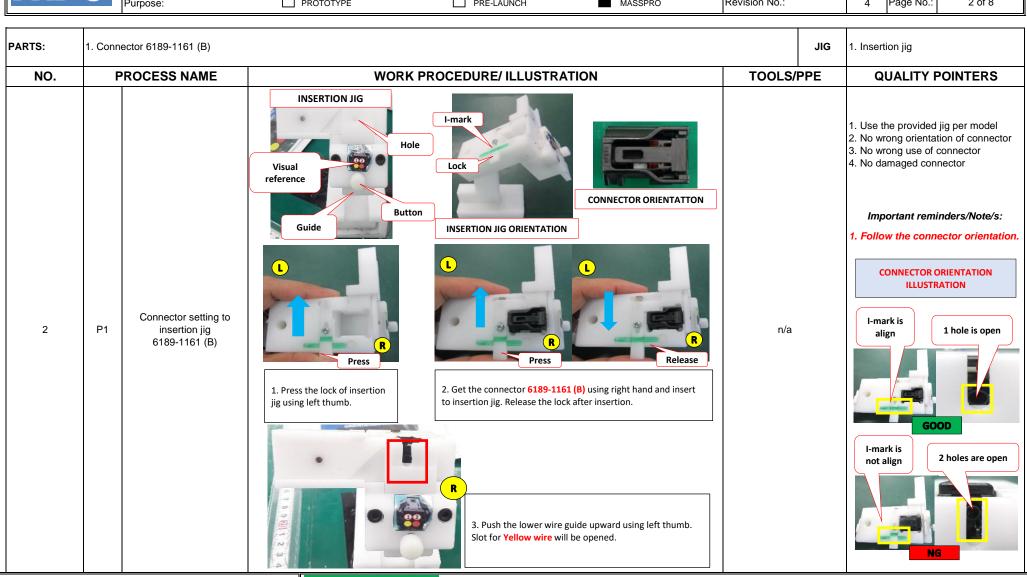
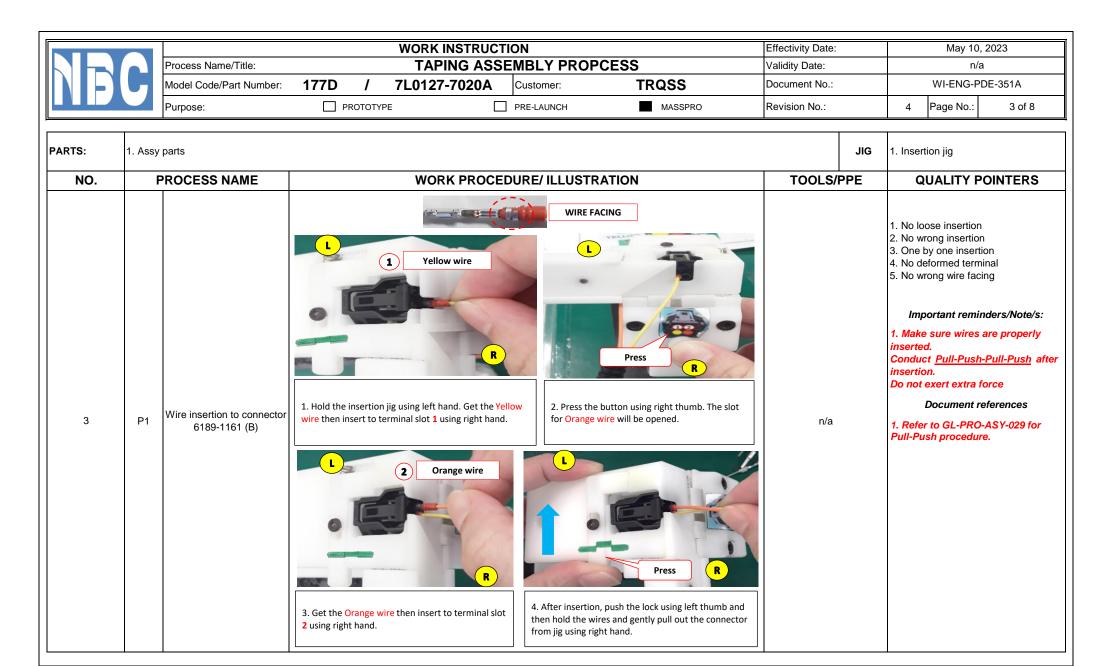
				WORK INCT	BUOTION					1	14. 40.000	
				WORK INST				_	ctivity Date:		May 10, 202	3
K) I		Process Name/Title:			ASSEMBLY PROCI			_	lity Date:		n/a	
		Model Code/Part Number:	177D /	7L0127-7020A	Customer:	TRO	QSS	Docu	ument No.:		WI-ENG-PDE-3	51A
		Purpose:	PROTOTYF	PE	PRE-LAUNCH	MASSF	PRO	Revi	sion No.:	4	Page No.:	1 of 8
		1. Connector 6189-1161 (B); Black Corrugated tube ø5 L=286±3mm (no slit); Black Corrugated tube Ø7 L=532±2mm (no slit); MRSW CP TVSSf 0.3 G wires L=655±3mm; Black tape  PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION					RSW CP TVSSf 0.3 G-B/V	V	1. Insertion jig JIG: 2. Locking jig 3. Terminal cover jig			
N	0.	PROCESS NAME		WORK PR	ROCEDURE/ ILLUSTRA	TION			TOOLS/PPE	(	QUALITY POIN	ITERS
	1	P1 Table Lay-out	Insertion jig	Connector 6189- 1161 (B)/ Connector tray  V CP AVSSf 0.3 G- viries L=655±3mm	Table Lay-out  Pre-assy Parts  Terminal cover jig  Black tape/ Tape holder		Black Corrugated tube Ø7 L=532±2mm (no slit)	op 1. 2. ww k	safety Instruction sure to wear requir personal protective equipment during eration (gloves, fing cots, etc.)  Housekeeping Maintain and alway practice 5's. Personal things on t orkplace is prohibite deep it in your locker  Alert level or any trouble, infor ne Assembly Assistan pervisor or Line Lear i mmediate correct action.	er	WI-PRO-KIT-005 f	for Offline
		<u> </u>		Revision History		- I			Prepared by	Reviewed by	Approved by	Noted by
05/10/23 09/30/22 08/31/22	3	Inclusion of quality checkpoints  Change of tolerance from 26+/-3mm to 2 edge of PCB.  Remove process no.2, 3 and 4 then tran wire insertion to Assy parts due to proces Change table lay-out.	sfer to (WI-ENG-PDE-58	37 Offline Assembly Proces	ss). Additional process from P2	M. Ariola  M. Ariola	Villanueva A. Arañes  J. Loterte C. Villanueva A  J. Loterte C. Villanueva A	n/a . Arañes		.//	AND	
01/17/22	1	Change from Pre-Launch to Masspro; Acto change COT length from Ø7 L=537±2	mm to Ø7 L=532±2mm o	due to removal of tolerance fr	1127-7020 to 7L0127-7020A due rom COT to MR SW		J. Loterte C. Villanueva A		J. Loterte	C. Villanueva	A. Aranes	n/a
Eff. Date	Rev. No	1	Details of 0	Change		Revised	Reviewed Approved	Noted	Est. Date:	October 13, 2021		

	Effectivity Date: May 10, 2023			2023						
Process Name/Title:	Name/Title: TAPING ASSEMBLY PROPCESS							n/a		
Model Code/Part Number:	177D	1	7L0127-7020A	Customer:	TRQSS	Document No.:		WI-ENG-P	DE-351A	
Purpose:	P	ROTOTYP	E	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	2 of 8	





NIDO			V	VORK INSTRUC	TION			Effectivity Date:		May 10, 2023		
		Process Name/Title:		TAPING ASS	SEMBLY PR	OPCESS		Validity Date:		n/a		
		Model Code/Part Number:	177D / 7	L0127-7020A	Customer:	-	TRQSS	Document No.:			WI-ENG-PI	DE-351A
		Purpose:	PROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:		4	Page No.:	4 of 8
											1	
PARTS:	1. Assy	parts							JIG	1. Lock	ing jig	
NO.	F	ROCESS NAME		WORK PROC	EDURE/ ILLU	STRATION		TOOLS/	PPE	QUALITY POINTERS		
4	P1	Connector lock	BEFORE PRESSING  NG  UNLOCK CONDITION		using both hands. locked.		ijig and push down 2x lector lock if properly  NO GOOD  GOOD  FULLY LOCKED CONDITION	LOCKING	JIG	model 2. No u 3. No d  Im damag	nlock/half-loc amaged lock	r lock.

			1	WORK INSTRUCT	ION		Effectivity Date	ə:		May 10	2023
		Process Name/Title:		TAPING ASSI	EMBLY PR	OPCESS	Validity Date:		n/a		
		Model Code/Part Number:	177D / 7	L0127-7020A	Customer:	TRQSS	Document No.	:		WI-ENG-P	DE-351A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		4	Page No.:	5 of 8
							<u> </u>			<u> </u>	
PARTS:	1. MRSW CP TVSSf 0.3 G-B/W wir 2. Black Corrugated tube Ø7 L=532						JIG		1. Terminal cover jig		
NO.	P	ROCESS NAME		WORK PROCE	DURE/ ILLUS	STRATION	TOOLS	S/PPE	Q	UALITY P	OINTERS
5	P1	Wire insertion to Black Corrugated tube Ø7 L=532±2mm (no slit)			L=655±3mm cover jig usi terminals (GR)  2. Get the cright hand t	IRSW CP TVSSf 0.3 G-B/W wires using left hand, then get the terminang right hand then insert to both -B/W wires) using right hand.  Description of the G-B/W wires using left insertion, remove the cover jig using r	JIG		2. No da Imp 1. Refer	to WI-PRO	
6		Taping 1 Black corrugated tube to wire near PCB	Start of taping	R		ne assy parts using left hand, get the e then conduct pre-taping using both	MEASURIN 6 7 8 9 1 2 3	400	<ol> <li>No pe</li> <li>No loo</li> <li>No mi</li> <li>No wr</li> <li>No wr</li> <li>Imp</li> <li>Pleas</li> </ol>	se use calib ing tape wh	on ape nders/Note/s: rated/verified en getting the

				WORK INSTRUCT	TION		Effectivity Date:			May 10	, 2023
		Process Name/Title:		TAPING ASS	EMBLY P	ROPCESS	Validity Date:			n/a	а
		Model Code/Part Number:	<b>177D</b> /	7L0127-7020A	Customer:	TRQSS	Document No.:			WI-ENG-P	DE-351A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		4	Page No.:	6 of 8
							<u> </u>				
PARTS:	1. Assy 2. Black				JIG	n/a					
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLU	ISTRATION	TOOLS/	PPE	Q	UALITY P	OINTERS
<b>NO.</b>	P1	Taping 1 Black corrugated tube to wire near PCB (Continuation)	L S S S D S D S S S S S S S S S S S S S	51±3mm 1 2 3 4 5 26 +3mm 8 9 20 1 2 3	6 7 8 R	2. Measure from end of COT up to edge of hot melted wires 51±3mm then continue the taping process using both hands.  3. Confirm measurement of 26 (+3/-1mm) from end of tape up to edge of PCB then continue the taping process using both hands.  4. After taping, check the measurement and taping condition.	MEASURING 6 7 8 9 10 1 2 3 4	G TAPE	1. No fli 2. No p 3. No lo 4. No m 5. No w 6. No w Imp 1. Plea measu	ip-out tape eel-off tape pose tape hissing tape prong dimensi prong use of t	ion



			WORK INSTRUCTI	ON		Effectivity Date:		May 10	, 2023
Process Name/Title:			TAPING ASSE	EMBLY PRO	PCESS	Validity Date:		n/	a
Model Code/Part Number: 177D / 7		7L0127-7020A	Customer:	TRQSS	Document No.:		WI-ENG-F	PDE-351A	
Purpose:	P	ROTOTYP		PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	7 of 8

RTS:	1. Assy parts				JIG	Terminal cover jig     Insertion jig
NO.	PROCESS NAME	STRATION	TOOLS/F	PPE	QUALITY POINTER	
8	Wire insertion to P1 COT (no slit) Ø7 L=25±3mm (Assy parts)	COT Ø7 L=25±3mm  R  2. Get the assy parts then hold the COT (no slit) Ø7	Get the MRSW CP G-B/W wires 655±3mm using both hands then insert e terminal cover jig using right hand.  L  R  After insertion, remove the cover jig sing right hand.	TERMINAL CO	C - C - 200 (1)	No wrong usage of parts     No damaged rubber seal     No exposed rubber seal durir insertion

WORK INSTRUCTION	Effectivity Date:	May 10, 2023
Process Name/Title: TAPING ASSEMBLY PROPCESS	Validity Date:	n/a
Model Code/Part Number: 177D / 7L0127-7020A Customer: TRQS	Document No.:	WI-ENG-PDE-351A
Purpose: PROTOTYPE PRE-LAUNCH MA	SSPRO Revision No.:	4 Page No.: 8 of 8
PARTS: 1. Assy parts	JIG	1. Terminal cover jig
		2. Insertion jig
4 QUALITY CHECKPOINTS		
P1 7L0127-7020		
/ LU12/-/U20		
NO GOOD  1 No WRONG INSERT No Unlocked / halflocked connector No TBO	1 No MISSING TAI	2