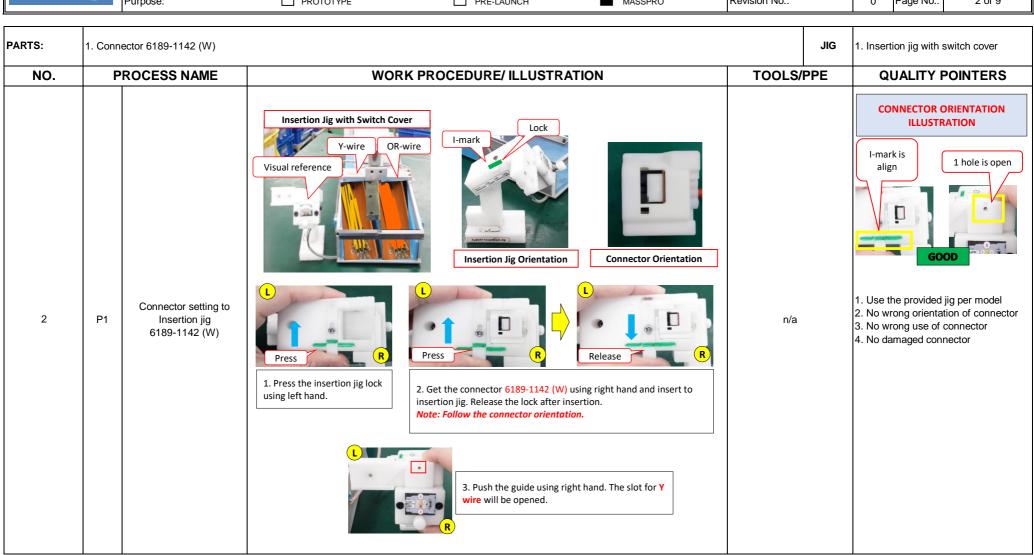
	_		WORK	INSTRUCTION				Effectivity Date:		February 10, 2	022
		Process Name/Title:		PING ASSEMBL	Y PROCESS			Validity Date:		n/a	
		Model Code/Part Number:	780B / 7R0103-70		TRMX			Document No.:		WI-ENG-PDE-3	197A
		Purpose:	□ PROTOTYPE	PRE-LAUNCH	■ MASS	SPRO		Revision No.:	0	Page No.:	1 of 9
									I		
PARTS:	Connec Black ta	tor 6189-1161 (B); Black sunp pe [1pc.]); AVSSf 0.3 Y-OR wire L=490±2mm; prene tube φ5 L=135±3mm; Black CO	T (no slit) φ7 L=355±3m	nm; MRSW-CP TVSSf 0.			JIG:	2. Locking j 3. Terminal	cover jig	
NO.	P	ROCESS NAME	WOR	K PROCEDURE/	ILLUSTRATION			TOOLS/PPE		QUALITY POIN	ITERS
1	P1	Table Lay-out		C. C	Black vinyl tube \$\phi_5 L=233\pmu_3\pm m \\ Black AVSSf 0.3 Y-OR wire \$L=490\pmu_2\pm m \\ Terminal cover iie Black Black		or Tray	Safety Instruction Be sure to wear prescribed personal protective equipmer during operation (glov finger cots, etc.) Housekeeping 1. Maintain and alway practice 5's. 2. Personal things on t workplace is prohibite Keep it in your locker Alert level For any trouble, infor the Assembly Assistat Supervisor or Line Leader for immediat corrective action.	Note: Re Wire and tes, i es, i	efer to WI-PRO- d Strip Length To ng parts/tools ss parts/tools	
	1		Revision Hist	ory				Prepared by	Reviewed by	Approved by	Noted by
02/10/22 0	Initial iss Wire cole ENG-PD	or from Gray (GR) to Green (G) (I	MRSW CP TVSSf 0.3 from GR-B/W to MR	·	; Refer to CL- M. Catapang	J. Loterte C	C. Villanueva A. A	rañes Minsutage	Charles and the second	ZDIJ!	A A Arañes
Eff. Date Rev. No)		Details of Change		Prepared	Reviewed A	Approved No	M. Catapang oted Est. Date:	J. Lowerte December 07, 2020	C. Villanúeva	/ A. A. A. M. A.
					1				,		



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PARTS:	1. A\ 2. Bla
NO.	

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VSSf 0.3 wire Y-OR L=490±2mm JIG 1. Insertion jig with switch cover ack Corrugated tube \$\phi7 L=208\pm 3mm (no slit) TOOLS/PPE PROCESS NAME **WORK PROCEDURE/ ILLUSTRATION QUALITY POINTERS** Note: During insertion, hold the Wire facing wire not <u>rubber seal</u> to prevent sagging. Yellow wire Press Note: Refer to WI-PRO-CNC-017 for Wire and Strip Length 1. Hold the insertion jig using left hand. Get the **Tolerance** 2. Press the button using right thumb. Slot Wire Insertion to Yellow wire then insert to terminal slot 1 using right for Orange wire will be opened. 3 connector n/a 1. No loose insertion hand. 2. No wrong insertion 6189-1142 (W) Orange wire 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing P1 Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force. 4. After insertion, push the lock using left thumb and 3. Get the Orange wire then insert to terminal then hold the wires and gently pull out the connector slot 2 using right hand. Note: Refer to GL-PRO-ASY-029 from jig using right hand. for Pull-Push procedure. Wire insertion to COT 1. Get the corrugated tube \$\phi7 L=208\pmu3mm\$ using 1. No wrong use of parts φ7 L=208±3mm right hand then insert the Y-OR wire using left n/a 2. No deformed terminal (no slit) hand.

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Process Name/Title:			TAPING AS	SEMBLY PRO	DCESS	Validity Date:		n/	/a
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1. Black Vinyl tube φ5 L=233±3mm PARTS: JIG 1. Insertion jig 2. Connector 6189-1161 (B) PROCESS NAME TOOLS/PPE **QUALITY POINTERS** NO. **WORK PROCEDURE/ ILLUSTRATION** Wire insertion to 1. Get the Vinyl tube \$\displays L=233\pmu asing Black Vinyl tube 1. No wrong use of parts 5 right hand then insert the Y-OR wire using left n/a φ5 L=233±3mm 2. No deformed terminal hand. Insertion Jig I-mark **CONNECTOR ORIENTATION** ILLUSTRATION I-mark is 1 hole is open Lock Visual **Connector Orientation** reference **Insertion Jig Orientation** P1 GOOD I-mark is 1 hole is open Connector setting to not align 6 Insertion jig n/a 6189-1161 (B) Press 2. Get the connector 6189-1161 (B) using right hand and 1. Press the insertion jig insert to insertion jig. Release the lock after insertion. lock using left hand. Note: Follow the connector orientation. 1. Use the provided jig per model 2. No wrong orientation of connector 3. Push the guide using right hand. The 3. No wrong use of connector slot for Y wire will be opened. 4. No damaged connector

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Process Name/Title:			TAPING AS	SSEMBLY PRO	DCESS	Validity Date:		n/	'a
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PARTS: 1. Assy parts JIG 1. Insertion jig PROCESS NAME TOOLS/PPE **QUALITY POINTERS WORK PROCEDURE/ ILLUSTRATION** NO. Note: During insertion, hold the wire not <u>rubber seal</u> to prevent Wire facing sagging. Yellow wire 1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing 1. Hold the insertion jig using left 2. Press the button using right thumb. Slot for Wire insertion to hand. Get the Yellow wire then insert Orange wire will be opened. 7 P1 connector to terminal slot 1 using right hand. n/a Make sure wires are properly inserted. 6189-1161 (B) Conduct Pull-Push-Pull-Push after Orange wire insertion. Do not exert extra force. Note: Refer to GL-PRO-ASY-029 for Pull-Push procedure. 4. After insertion, push the lock using left 3. Get the Orange wire then insert to terminal thumb and then hold the wires and gently pull slot 2 using right hand. out the connector from jig using right hand.

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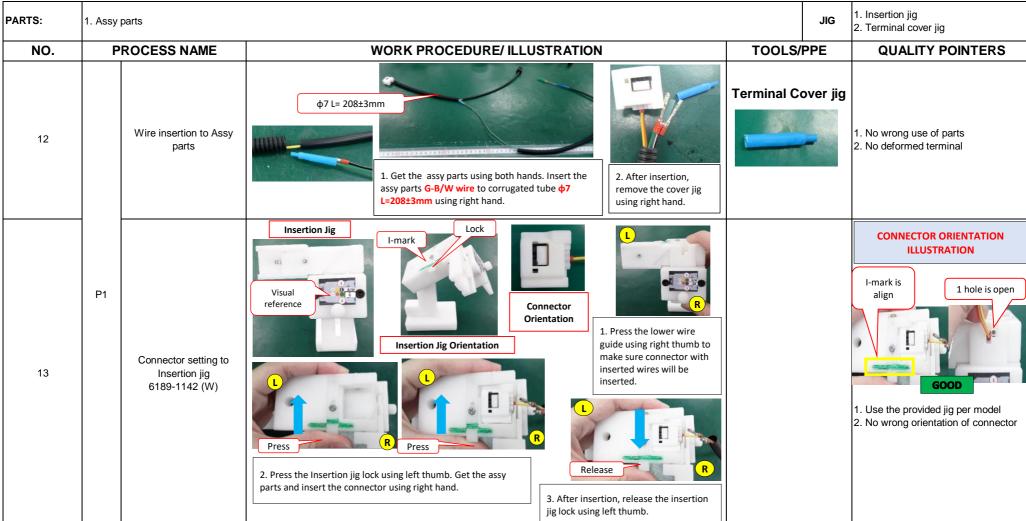
ARTS:	1. Assy 2. Black	parts Sunprene tube φ5 L=135±3	βmm	3. MR SW CP TVSSf 0.3 wires G-B/W L=757±3mm	JIG	1. Locking jig
NO.	Р	ROCESS NAME	WORK PRO	OCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
8	P1	Connector lock	Put the connector into locking jig using right hand then press 2x. Check the connector lock if properly lock.	Before Pressing NG NG GOOD Unlock Condition Half lock Condition Full lock Condition	Locking Jig	NOTE: MANUAL LOCKING MAY CAUS DAMAGED LOCK. 1. Use the provided locking jig per model 2. No unlock/half-lock connector 3. No damged connector
9		Wire insertion to Sunprene tube φ5 L=135±3mm		e tube \$\displays L=135\displays 3mm using left are GR and B/W hotmelted wires (MR ht hand.	n/a	Note: Refer to WI-PRO-CNC-017 Wire and Strip Length Tolerance 1. No wrong use of parts 2. No deformed terminal



			WORK INSTRU	CTION		Effectivity Date:	February	10, 2022
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Model Code/Part Number:	780B	1	7R0103-7022	Customer:	TRMX	Document No.:	WI-ENG-P	DE-397A
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	P	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		0	Page No.:	7 of 9
PARTS:	1. Blue tap 2. Assy pa		WOR	3. Black Corru	ugated tube φ7 L=355±3mm (no s	lit)	JIG		nal cover jig	INTERS
10	P1	Taping 1 Sunprene tube to wire near PCB	1. Hold the Sunprene tube using lef the end of Sunprene up to the edge wires 51±3mm using right hand.	ft hand. Measure e of hotmelted 2. H the taping Refs production of the second	Hold the Sunprene tube using left har Blue tape using right hand then staring process using both hands. For to WI-PRO-ASY-001 for taping procedure. After taping, check the measurement bing condition.	MEASURING 6 7 8 9 10 1 2 3 4	6 TAPE	1. No flip 2. No pe 3. No loo 4. No m 5. No w 6. No w	De-out tape sele-off tape ose tape ssing tape ong use of tapong dimension	PE ONLY. De n
11		Wire insertion to COT φ7 L=355±3mm (no slit)	1. Get the terminal cover jig using right hand and insert wires using left hand.	2. Get the corrugated tube ¢ L=355±3mm using right hand then insert the assy parts (M SW CP) using left hand.	R L R R AMERICAN R R M R R M R R M R R M R R M R R M R R M R M R R M R	Terminal co	over jig		ong use of pa Iformed termin	

					WORK INSTRU				Effectivity Date:
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		Purpose:	P	ROTOTY	PE		PRE-LAUNCH	MASSPRO	Revision No.:
PARTS:	1. Assy	/ parts							



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1. Insertion jig PARTS: 1. Assy parts JIG 2. Locking jig TOOLS/PPE **PROCESS NAME QUALITY POINTERS** NO. **WORK PROCEDURE/ ILLUSTRATION** Note: During insertion, hold the wire not rubber seal to prevent B/W wire Wire facing 1. Hold the assy parts upward using left hand. 2. Insert the B/W wire using right Slot for B/W wire must be hand. open. **(2**) G wire 1. No loose insertion Wire insertion to 3. Press the push 2. No wrong insertion 14 Connector N/A 3. One by one insertion button using (Assy parts) 4. Insert the GR right hand. Slot 4. No deformed terminal wire using right for G wire will be 5. No wrong wire facing hand. open. P1 Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. 5. After insertion, press the lock Do not exert extra force. button using left thumb and then hold the wires and gently pull out the Note: Refer to GL-PRO-ASY-029 connector from jig using right hand. for Pull-Push procedure. **Locking Jig BEFORE PRESSING** AFTER PRESSING NOTE: MANUAL LOCKING MAY CAUSE DAMAGED LOCK. 15 Connector lock 1. Use the provided locking jig per Put the connector into locking jig using right model hand then press 2x. Check the connector lock if 2. No unlock/half-lock connector properly lock. 3. No damged connector

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