_					WOR	K INSTRUCTION					Effe	ctivity Date:		May 21, 202	1
			Process Name/Title:		TA	APING ASSEMB	LY PROC	ESS			Valid	lity Date:		n/a	
			Product Name/Code:	100B /	7M0595-7	'020B Customer:		TR	J		Doc	ument No.:		WI-ENG-PDE-1	80B
			Purpose:	☐ PROTO	TYPE	PRE-LAUNCI	4	MASS	PRO		Revi	sion No.:	3	Page No.:	1 of 7
			1										-		
PARTS:		1. Assy 2. Black	parts Corrugated tube (no slit) ¢	7 L=231±3mm								JIG:	1. Terminal	cover jig	
N	ο.	PF	ROCESS NAME		WO	RK PROCEDURE	/ ILLUSTR	ATION				TOOLS/PPE	C	UALITY POIN	ITERS
1		P2	Wire insertion to Black Corrugated tube (no slit) \$\phi T L=231\pm 3mm			R	1. Get the terr then insert to using right han 2. Get the cor using right han using left han 3. After insert right hand.	both termin nd. rugated tube nd then inse d.	e ø7 L= 231±2 rt the GR-B/V	BMM V wires	1 2	Be sure to wear prescribed personal rotective equipment ring operation (glow finger cots, etc.) Housekeeping Maintain and alwate practice 5's. Personal things on the orkplace is prohibite (seep it in your locked) any trouble, infortie Assembly Assista Supervisor or Line eader for immediate corrective action.	ys the ed. r. 1. No wrong 2. No dama	g usage of parts ged rubber seal	
			l .		Revision H	listory						Prepared by	Reviewed by	Approved by	Noted by
05/21/21	3		ue to standardize the color of o				Please refer to	M. Ostan	C Villague	A Objective	A A				
10/20/20	2	Transfer improver	-003 for Color Standardization process owner from Productio nents/update pictures.	n (WI-PRO-ASY-120	0B) to Engineering (V	VI-ENG-PDE-180B). Apply	some	M. Catapang		A. Shimamura	A. Arañes	Almoutage	2011	Shit	CANS)
05/02/18 Eff. Date	0 Day No		ly established as Engineering i	,	PDE-034). Initial issus of Change	e		D. Castillo Revised	R. Alcantara Checked	A. Arañes Approved	n/a Noted	M. Catapang Est. Date:	C. Villanueva May 02, 2018	A. Shimamura	A. Arañes
Lii. Dale	nev. NO	<u> </u>		Details	s or Criange			Revised	Спескеа	Approved	inotea	ESI. Date.	iviay UZ, ZUTB		

					WORK INST	RUC	TION			Effectivity Date:			May 21,	2021	
		Process Name/Title:			TAPING	ASS	SEMBLY PR	ROCESS		Validity Date:			n/a		
		Product Name/Code:	100B	1	7M0595-702	20B	Customer:		TRJ	Document No.:			WI-ENG-PD)E-180B	
		Purpose:	□F	ROTOTYP			PRE-LAUNCH		MASSPRO	Revision No.:		3	Page No.:	2 of 7	
	1									•		1			_
PARTS:	1. Conn	ector 6188-0407 (W)									JIG	1. Inserti	ion jig		
NO.	Pl	ROCESS NAME			WORK PR	OCE	DURE/ ILLU:	STRATION		TOOLS/	PPE	Ql	JALITY P	OINTERS	
2	P2	Connector setting to insertion jig 6188-0407 (W)	Lock 1. Press the using left	ne lock of it thumb.	Press nsertion jig 2 r	L . Insert	Press the connector 61 the lock. efer to above illust	tration for correct :	Release R g using right hand and setting.	n/a		I-mai aliginalis aligina aligina aligina aligina aligina aligina aligina aligina aligina	GOO ark is align	1 Hole is open 1 Hole is open g per model on of connector onnector	

		WORK INSTRUCTION		Effectivity Date:	May 21, 2021			
	Process Name/Title:	TAPING ASSEMBLY PROC	ESS	Validity Date:	n/a			
	Product Name/Code:	100B / 7M0595-7020B Customer:	Document No.:	WI-ENG-PDE-180B				
	Purpose:	□ PROTOTYPE □ PRE-LAUNCH	MASSPRO	Revision No.:	3 Page No.: 3 of 7			
PARTS:	1. Assy parts			JIG	Insertion jig Locking jig			
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	QUALITY POINTERS			
3	Wire insertion to connector 6188-0407 (W)	1. Get the B/W wire then insert to terminal slot 1 using right hand. C GR wire w 4. After in using left	Press R e button after insertion. Hole for ill be opened. Press R nsertion, push the lock button thumb and then hold the wires y pull out the connector from jig it hand.	n/a	1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing Note: Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.			
4	Connector lock	BEFORE PRESSING Put the connector into locking jig using both hands then press 2x using both hands. Check if properly lock	NG GOOD Half Lock Full Lock	LOCKING JIG	Note: MANUAL LOCKING MAY CAUSED DAMAGED LOCK. 1. Use the provided locking jig 2. No unlock/half-locked connector			

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		Product Name/Code:	100B	/	7M0595-7020B	Customer:	TRJ	Document No.:			WI-ENG-P	DE-180B	
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		-						•					
	1. Assy 2. Black								JIG	n/a			
NO.	P	ROCESS NAME	ESS NAME WORK PROCEDURE/ ILLUSTRATION TOO									OINTERS	3
5	P2	Taping 1 Black corrugated tube to wire near connector	1. Hold the diget the black the middle di hands.	c tape there if COT and	tube using left hand, in start pre-taping at wires using both	2. Measure from connector 25mr both hands. Note: Refer to V	n end of corrugated tube up to end of in then continue the taping process using VI-PRO-ASY-001 for taping procedure 3. After taping, check the measurement and taping condition.	8 7 8 9 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	156789	the me 1. No flip 2. No tap 3. No loo 4. No wro	o out tape	аре	11
6		Spot taping	1. Align the thotmelted w		·		2. Hold wires using left hand and begin taping using right hand. Tape location must be beside the GR-B/W wire tape (Sky blue tape). Make 2 winds then cut the tape.	n/a		1. No flip 2. No tap 3. No loo	0 - o out tape be peeling	nt tolerance	•

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		Process Name/Title:				SEMBLY PRO	CESS	Validity Date:			n/a	a a
		Product Name/Code:	100B	1	7M0595-7020B	Customer:	TRJ	Document No.:			WI-ENG-PI	DE-180B
		Purpose:		PROTOTYPE	E C	PRE-LAUNCH	MASSPRO	Revision No.:		3	Page No.:	5 of 7
'	1							·		1	-	
PARTS:	1. Assy 2. Black	parts corrugated tube (w/slit) ø	5 L=226±3m	m					JIG	n/a		
NO.	PF	ROCESS NAME			WORK PROCE	DURE/ ILLUSTF	RATION	TOOLS/	PPE	QUALITY POINTERS		
7	P2	Wire insertion to Black Corrugated tube (w/slit) ø5 L=226±3mm		L	1. Hold the COT adaptor u the wires using right hand	I. 2. Hold the COT using	left hand and COT adaptor using daptor and pull the COT in same	COT Ada	ptor		rong use of p res left in be	parts tween the COT

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		Purpose:	☐ PR	ОТОТУР	E PRE-LAI	JNCH	MASSPRO	Revision No.:		3	Page No.:	6 of 7
	1							<u>'</u>		· -		
PARTS:	1. Assy 2. Black								JIG	n/a		
NO.	P	ROCESS NAME			WORK PROCEDURE/	ILLUSTRATION		TOOLS/	QUALITY POINTERS			
			L		Start of taping R 121+2mm	1. Hold the corrugated tub hand and conduct pre-tapi COT and wires using right I	ng between	MEASURING	6 ТАРЕ	measu the m	e use calib	orated/verified when getting ont.
P2		Taping 2 Black corrugated tube (with slit) to wire near terminal and hotmelted wire	131±3mm 2. Measure from COT up to the hotmelted wire 131mm and continue the taping process. Note: Please refer to WI-PRO-ASY-001 for taping procedure. 3. After taping, check the measurement and taping condition.						5 6 7 8 9 h	2. No tap 3. No loc 4. No wr	oe peeling	

					WORK IN	ISTRUC	CTION				Effectivity Date:			May 21	, 2021	
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		Product Name/Code:	100B / 7M0595-7020B Customer: TRJ Document No.:							cument No.:		WI-ENG-PDE-180B				
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PARTS:	1. Assy 2. Black	tape										JIG	n/a			
NO.	PF	ROCESS NAME			WORK	PROCE	DURE/ ILLU	JSTRATION	1		TOOLS/F	TOOLS/PPE		QUALITY POINTERS		
9	P2	Half-wrap taping	L	1/2 shift		R R	and begin tap	ntil the end of co	ing. Repeat the prorrugated tube. M		n/a		1. No pe 2. No flip 3. No loc 4. No wr	VISUALIZA ING LINES AL SHOULE el-off tape o out tape	LDBE BLACK	