User Guide

for

Positioner Tool

MiniMax™
Panel Mounted Receptacles
with PCB Contacts

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1   Introduction

This document describes the use of the **Positioner Tool** intended to place the contact block of the MiniMax™ panel mounted receptacles in the rear position when soldering the printed circuit board.

It covers the following range of connector references:

- Panel mounted receptacles: **MR1**x**W**xxx xxxx xxxx xxx**P**

These positioner tools are available free of charge. Please contact your local sales representative.

2   Document History

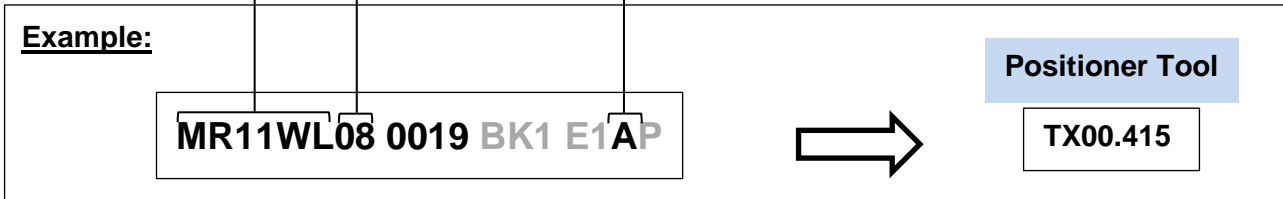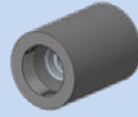| Date	Revision #	Author	Controller	Modification description
07-Oct-2021	1.0	SKE	MRZ	New Document (for Size 06)
13-May-2022	1.1	SKE	MRZ	Extension to all Sizes (06, 08 and 10)

3   Definitions and Acronyms

Text	Definition / Acronym
PCB	Printed Circuit Board

4   Tools Required

Tool selection:

Table 1

Body Style	Size	Polarity	Positioner Tool
			Fischer P/N
MR1xWx	06	A	TX00.413
		F	
		M	TX00.414
	08	*Any*	TX00.415
	10	*Any*	TX00.416

Example:

MR11WL08 0019 BK1 E1 **A** P   ⟹   **Positioner Tool**

TX00.415

5 How to use the Positioner

5.1 – Screw the Positioner		
Picture	**Process**	**Tools**
	Only for push-pull locking (L) version: MR1xW**L**xx xxxx xxxx xxxP Align the grooves (3) of the Positioner with the balls of the Receptacle. _____	Positioner Tool
	Slide the Positioner over the front of the Receptacle.	
	Screw the Positioner on the Receptacle by hand and without applying significant torque until you reach the end stop.	
	Once the contact block of the Receptacle is in correct position, the tip of the contact pins shall be approximately aligned with the tip of the ground pin.	

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5.2 – Solder the PCB

Picture	Process	Tools
	Insert the Receptacle pins into the PCB.	Positioner Tool
	Solder the pins to the PCB.	Soldering Iron

5.3 – Unscrew Positioner

Picture	Process	Tools
	Unscrew the Positioner. _____ Only for push-pull locking (L) version: Align the grooves (3) inside the Positioner with the balls of the Receptacle. _____ Remove the Positioner.	Positioner Tool