MFT Handler for Teradyne TSi-051/052/tester

- Automatic In-Line Test Handler
- Fits Teradyne MultiSite TSi-051/052/102
- Single stage, dual stage and double sided contacting
- Smallest footprint for parallel testing
- Easy Fixture Exchange
- High Pin-count testing
- Flexible In-Line Solutions
# MFT Handler for Teradyne TSi-051/052/tester

## PCB Specification

<table>
<thead>
<tr>
<th>PCB Specification</th>
<th>Bottom side reference only</th>
<th>With top to bottom reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB Width:</td>
<td>40 - 300 mm small single lane</td>
<td>40 - 300 mm small single lane</td>
</tr>
<tr>
<td></td>
<td>40 - 254 mm small bypass lane</td>
<td>40 - 254 mm small bypass lane</td>
</tr>
<tr>
<td></td>
<td>40 - 360 mm wide single lane</td>
<td>40 - 360 mm wide single lane</td>
</tr>
<tr>
<td>PCB Length:</td>
<td>50 - 460 mm</td>
<td>50 - 420 mm</td>
</tr>
<tr>
<td>PCB Ratio:</td>
<td>0,8 (length ≥ 0,8 x width)</td>
<td>Contact area depends on fixture kit</td>
</tr>
<tr>
<td>PCB Thickness:</td>
<td>&gt; 0,8 mm</td>
<td></td>
</tr>
<tr>
<td>Component Height (top side):</td>
<td>max. 170 mm adjustable</td>
<td></td>
</tr>
<tr>
<td>Component Height (bottom side):</td>
<td>max. 25,4 mm</td>
<td></td>
</tr>
<tr>
<td>PCB Edge support:</td>
<td>2,0 - 4,5 mm adjustable</td>
<td></td>
</tr>
<tr>
<td>PCB Weight:</td>
<td>max. 2,5 kg</td>
<td></td>
</tr>
</tbody>
</table>

## Technical Specification

- PCB Exchange time: typical 3,5 sec (product dependent)
- Press down force: 5 kN
- Contacting method: Bottom, Top, Single and Dual Stage Contacting
- Location PCB stopper: Fixture (optional transport)
- Transport speed: 100 - 800 mm/sec
- Transport height: 940 - 965 mm SMEMA
- Transport direction: L ⇒ R, R ⇒ L (to be specified at time of order)
- Change-over time for fixture: ≤ 1 min (top & bottom)
- Protection screens: ESD Safe
- Energy requirements: 3 x 400 V + N, 5 kVA for 5 kN press, 10 kVA for 10 kN press
- Compressed air: 6 - 20% bar, according to DIN ISO 8573 3.4.5
- Color: RAL 7035 ESD
- Dimensions (L x D x H): 600 x 1.630 x 1.945 mm excluding signal tower
- Weight: ca 500 kg excluding tester
- Software: interface DLL, Optional CPC
- Standards: CE Approved

## Options

- Drive force 10 kN
- Automatic width adjustment
- Multiple stop positions
- Interface for top or bottom tooling
- Dual lane
- Dual segment

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