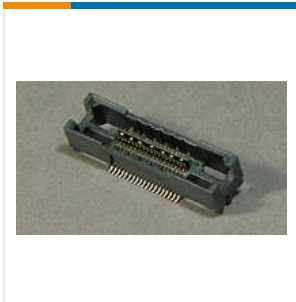




# BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

## MICTOR RECEPT ASSY, 38 POS. TA

MICTOR | Micor Timer III , MICTOR

5767171-1

TE Internal Number: 5767171-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (mm) **.64, 24.003**

Centerline (in) **.945**

Stack Height (mm) **2.5, 6.6, 9, 10.92, 17.96, 18.75, 20, 22.86**

Stack Height (in) **.9**

Number of Positions **38**

Packaging Method **Tape**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

RECEPTACLE ASSEMBLY, VERTICAL, .025[0.64] CL, GULL WING LEADS, POCKET TAPE PACKAGED, MICTOR

PDF  
English

### CAD Files

3D PDF

PDF  
3D

Customer View Model

2D\_DXF.ZIP  
English

Customer View Model

3D\_IGS.ZIP  
English

Customer View Model

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

MICTOR Interconnection System

PDF  
English

Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors

PDF  
English

### Product Specifications

Product Specification

Surface Mount Matched Impedance Connector

PDF  
English

Application Specification

MICTOR Vertical Connectors For Surface Mount Technology (SMT) Printed Circuit (PC) Board Applications

PDF  
English

Qualification Test Report

Surface Mount Matched Impedance Connector

PDF  
English

## Product Environmental Compliance

TE Material Declaration

[MD\\_5767171-1\\_022520162345\\_dmtec](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Connector Style	<b>Receptacle</b>
	Board-to-Board Configuration	<b>Mezzanine</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Boss	<b>With</b>
	Connector System	<b>Board-to-Board</b>
	Connector Type	<b>Connector Assembly</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
Series	<b>MICTOR</b>	

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Configuration Features	Number of Positions	<b>38</b>
	Number of Columns	<b>19</b>
	Number of Signal Positions	<b>38</b>
	Number of Power Positions	<b>1</b>
	Stackable	<b>No</b>
	Number of Rows	<b>2</b>
	Solder Tail Orientation	<b>In-Line</b>

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Electrical Characteristics	Voltage (VAC)	<b>30</b>
	Dielectric Withstanding Voltage (VAC)	<b>500</b>
	Insulation Resistance (M $\Omega$ )	<b>10000</b>

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Signal Characteristics	Data Rate (Gb/s)	<b>10</b>
	Differential Signaling	<b>Yes</b>

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Body Features	Color	<b>Black</b>
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Contact Features	Contact Mating Area Plating Material	<b>Palladium Nickel</b>
	Contact Mating Area Plating Thickness	<b>.76 <math>\mu</math>m [ 29.9212 <math>\mu</math>in ]</b>
	Contact Current Rating (A)	<b>11.5</b>

	Contact Configuration	<b>Dual Beam</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Solder Tail Contact Plating Thickness	<b>3.81 – 6.35 µm [ 149.9997 – 249.9995 µin ]</b>
	Underplate Material	<b>Nickel</b>
	Contact Transmits (Typical)	<b>Signal (Data)/Power</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material Finish	<b>Matte</b>
	Contact Base Material	<b>Copper Alloy</b>
<b>Termination Features</b>	Termination Method to PC Board	<b>Surface Mount</b>
<b>Mechanical Attachment</b>	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
	PCB Mount Retention	<b>Without</b>
	PCB Mount Alignment	<b>With</b>
	Mating Retention	<b>Without</b>
<b>Housing Features</b>	Centerline (mm)	<b>.64, 24.003</b>
	Centerline (in)	<b>.945</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>LCP (Liquid Crystal Polymer)</b>
	Housing Entry Style	<b>Top</b>
<b>Dimensions</b>	Stack Height (mm)	<b>2.5, 6.6, 9, 10.92, 17.96, 18.75, 20, 22.86</b>
	Stack Height (in)	<b>.9</b>
	Width	<b>6.9 mm [ .272 in ]</b>
	Length	<b>25.4 mm [ 1 in ]</b>
	Mating Post Length	<b>1.6285 mm [ .064 in ]</b>
	Height	<b>5.99 mm [ .236 in ]</b>
<b>Usage Conditions</b>	Operating Temperature Range	<b>-55 – 125 °C [ -67 – 257 °F ]</b>
<b>Operation/Application</b>	Pick and Place Cover	<b>Without</b>
	For Use With	<b>Plug</b>
<b>Industry Standards</b>	UL File Number	<b>E28476</b>
	CSA Certified	<b>Yes</b>

UL Rating	<b>Listed</b>
UL Flammability Rating	<b>UL 94V-0</b>
CSA File Number	<b>1195944</b>

Packaging Features	Packaging Method	<b>Tape</b>
	Packaging Quantity	<b>252</b>

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 24 Results

[View All](#)

Compare 0/10

Relation Type

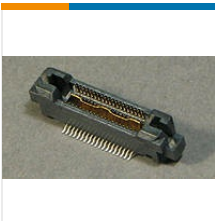
RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles

MICTOR | MICTOR, PKG

**MICT, PLG, 038, ASY, .025, TAPE PKG - 5767118-8**

TE INTERNAL NUMBER: 5767118-8

Active

**Always EU RoHS/ELV Compliant**

Connector Style **Plug**

Centerline **.64 mm, 24.003 mm**

Stack Height **6.6 mm, 15.62 mm**

Number of Positions **38**

Packaging Method **Reel**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles

MICTOR | MICTOR, RC

**MICT, 900PLUG, 38, ASSY, .025, REC - 5767017-1**

TE INTERNAL NUMBER: 5767017-1

Active

**Always EU RoHS/ELV Compliant**

Connector Style **Plug**

Centerline **.64 mm**

Stack Height **22.86 mm, 22.96 mm, 31.9 mm**

Number of Positions **38**

Packaging Method **Tube, Tube/Box**



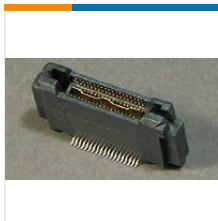
RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles

MICTOR | MICTOR, RE

### MICTOR PLUG ASSY IN TAPE & REE - 5767149-8

TE INTERNAL NUMBER: 5767149-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.64 mm, 24.003 mm**

Stack Height **12.57 mm, 21.6 mm**

Number of Positions **38**

Packaging Method **Reel**