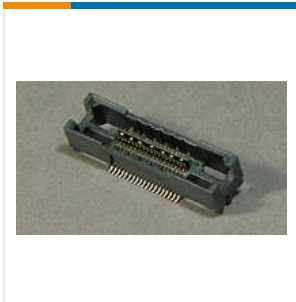




BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MICTOR RECEPT ASSY, 38 POS.

MICTOR | MICTOR , PKS

2-5767004-2

TE Internal Number: 2-5767004-2
Alias ID: CF3275-000, PER-2-5767004-2

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **.64 mm [.025 in]**

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 **Tube, Tube/Box**

Product Drawings

[RECEPTACLE ASSEMBLY, VERTICAL, .025\[0.64\]CL, GULL WING LEADS, MICTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[MICTOR Interconnection System](#)

PDF
English

[Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors](#)

PDF
English

[2-1773454-6 Stacking Connectors](#)

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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
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Qualification Test Report

[Surface Mount Matched Impedance Connector](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_2-5767004-2_11062015825_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.

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

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

Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage (VAC)	500
	Insulation Resistance (M Ω)	10000

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

Body Features	Color	Black
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Current Rating (A)	11.5
	Contact Configuration	Dual Beam

Contact Configuration	Surface Mount
Solder Tail Contact Plating Material	Tin
Solder Tail Contact Plating Thickness	3.81 µm [149.9997 µin]
Underplate Material	Nickel
Contact Transmits (Typical)	Signal (Data)/Power
Contact Type	Socket
Solder Tail Contact Plating Material Finish	Matte
Contact Base Material	Copper Alloy

Termination Features	Termination Method to PC Board	Surface Mount
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Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Polarization
	PCB Mount Retention	Without
	PCB Mount Alignment	With
	Mating Retention	Without

Housing Features	Centerline	.64 mm [.025 in]
	Housing Color	Black
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Entry Style	Top

Dimensions	Stack Height (mm)	2.5, 6.6, 9, 10.92, 17.96, 18.75, 20, 22.86
	Stack Height (in)	.9
	Width	6.9 mm [.272 in]
	Length	25.4 mm [1 in]
	Height	5.99 mm [.236 in]

Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application	Pick and Place Cover	Without
	For Use With	Plug

Industry Standards	UL File Number	E28476
	CSA Certified	Yes
	UL Rating	Listed
	UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method

Tube, Tube/Box

Packaging Quantity

21

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 I 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 I CAP, MICTOR

**MICT, PLG, 038, ASY,
.025, TAPE CAP
- 5767121-1**

TE INTERNAL NUMBER: 5767121-1

✓ Active

Always EU RoHS/ELV Compliant

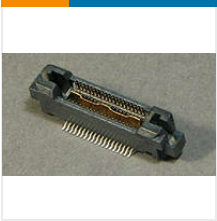
Connector Style **Plug**Centerline **.64 mm, 24.003 mm**Stack Height **12.57 mm, 21.6 mm**Number of Positions **38**Packaging Method **Tape**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



Connectors - Board-to-Board Headers &
Receptacles

MICTOR I CAP, MICTOR

**MICT, PLG, 038, ASY,
.025, TAPE CAP
- 5767118-1**

TE INTERNAL NUMBER: 5767118-1

✓ 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**