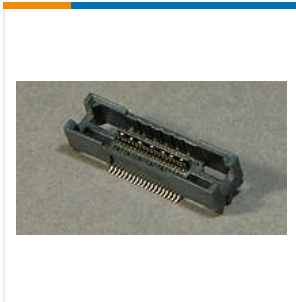




BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)
MICTOR, REC, 038, ASY, .025, TAPE, CAP
MICTOR | CAP , MICTOR

5767114-1
TE Internal Number: 5767114-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

Centerline (in) **.945**

Stack Height (mm) **6.6, 9, 10.92, 12.57, 17.96, 18.75, 20, 22.86**

Stack Height (in) **.9**

Number of Positions **38**

Packaging Method **Reel**

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 Catalog 889092
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

Product Environmental Compliance

TE Material Declaration

[MD_5767114-1_05092014630_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	Yes
	Number of Rows	2
	Solder Tail Orientation	In-Line

Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage (VAC)	500
	Insulation Resistance (MΩ)	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 Mating Area Plating Thickness	.76 μm [29.9212 μin]

Contact Current Rating (A)	11.5
Contact Configuration	Dual Beam
Solder Tail Contact Plating Material	Tin
Solder Tail Contact Plating Thickness	3.81 – 6.35 µm [149.9997 – 249.9995 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 (mm)	.64, 24.003
	Centerline (in)	.945
	Housing Color	Black
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Entry Style	Top

Dimensions	Stack Height (mm)	6.6, 9, 10.92, 12.57, 17.96, 18.75, 20, 22.86
	Stack Height (in)	.9
	Width	6.9 mm [.272 in]
	Length	25.4 mm [1 in]
	Mating Post Length	1.6285 mm [.064 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
	CSA File Number	1195944

Packaging Features	Packaging Method	Reel
	Packaging Quantity	252

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RIBBON CABLE CONNECTORS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	RIBBON CABLE CONNECTORS
<p>06P MICRO MNL ASSY, VRT, SMT, LF 3-794638-6</p> <p>Save to List Find Similar Products</p>	<p>A/L UNIV HDR 30P VERT 5102154-7</p> <p>Save to List Find Similar Products</p>	<p>06 MODII HDR SRST B/A .100CL 5-146285-6</p> <p>Save to List Find Similar Products</p>	<p>10, 2MM, 30 DP, LEAD FREE 1-111626-7</p> <p>Save to List Find Similar Products</p>

Products - 24 Results

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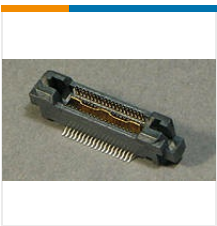
Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS	
	<p>Connectors - Board-to-Board Headers & Receptacles MICTOR MICTOR</p> <p>MICT, 260PLG, 038, ASY, .025, AUPLT - 5767116-1 TE INTERNAL NUMBER: 5767116-1</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Plug</p> <p>Centerline .64 mm</p> <p>Stack Height 6.6 mm, 15.62 mm</p> <p>Number of Positions 38</p> <p>Packaging Method Tube,</p>

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, 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

MICT, R/APLUG, ASSY, 38, PDNI - 5767055-1

TE INTERNAL NUMBER: 5767055-1

ALIAS ID: 010-5421-00

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **.64 mm**

Number of Positions **38**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Palladium Nickel**

