



+ CONNECTORS

HIGH SPEED CONNECTORS



Preliminary

TE CONNECTIVITY (TE)

DPO R/A ASSY, 8 PR 4 COL, 85 OHM, SW

STRADA | STRADA Whisper 3.9mm

2298081-1

TE Internal Number: 2298081-1

Not reviewed for RoHS Compliance

Number of Positions **64**

Row-to-Row Spacing **3.9 mm [.154 in]**

Contact Current Rating (A) **.5**

Mating Alignment Type **Keyed**

Connector System **Board-to-Board**

Product Specifications

Product Specification

[3.9mm STRADA Whisper* Connector System](#)

PDF

English

Application Specification

[3.9-Mm Pitch 85-Ohm And 100-Ohm Co-Planar \(CP\) And Direct Plug Orthogonal \(DPO\) STRADA Whisper Connector System](#)

PDF

English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features	Row-to-Row Spacing	3.9 mm [.154 in]
	Connector System	Board-to-Board
	Connector Style	Plug
	Board-to-Board Configuration	Orthogonal
	PCB Mounting Orientation	Right Angle
	Shrouded	Fully Shrouded
	Product Type	Connector
	Applies To	Printed Circuit Board
	Signal Type	Differential
	Connector Type	Header
	Make First / Break Last	Yes
	Post Type	Press-Fit



	Sealed	No
Configuration Features	Number of Positions	64
	Number of Rows	8
	Number of Columns	4
	Preloaded	Yes
	Number of Pairs	32
	Number of Signal Positions	64
	Number of Ground Positions	36
	Pairs per Column	4
	Stackable	No
Electrical Characteristics	UL Voltage Rating (VAC)	80
	Impedance (Ω)	85
Signal Characteristics	Differential Impedance (Ω)	85
	Speed (Gb/s)	56
	Differential Signaling	Yes
	Data Rate (Gb/s)	56
Contact Features	Contact Current Rating (A)	.5
	Contact Base Material	Copper Alloy
	Contact Style	Press-Fit
	Contact Design	Dual Beam
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
	Contact Type	Pin
	Contact Length	4.38 mm [.172 in]
	Contact Transmits (Typical)	Signal (Data)
	Contact Termination Area Plating Material	Tin
Termination Features	Termination Method to PC Board	Through Hole - Press-Fit
	Termination Type	Differential
	Interface Type	3.9mm Whisper
Mechanical Attachment	Mating Alignment Type	Keyed

Guide Hardware **No**

Mating Retention **Without**

Housing Features

Centerline **3.9 mm [.154 in]**

Housing Color **Black**

Housing Material **LCP (Liquid Crystal Polymer)**

Dimensions

PCB Thickness (Recommended) **1 mm [.039 in]**

Usage Conditions

Operating Temperature Range **-65 – 105 °C [-85 – 221 °F]**

Operation/Application

Durability Rating (Cycles) **200**

Packaging Features

Packaging Method **Tube**

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)