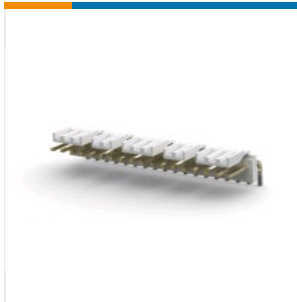




HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

05P MTA156 HDR ASSY FL ST 30AU

[MTA](#) | [MTA156](#)

641209-5

TE Internal Number: 641209-5

[Always EU RoHS/ELV Compliant](#)

Centerline **3.96 mm [.156 in]**

Number of Positions **5**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

✓ Active

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

Product Drawings

[MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 ROUND POST, .000030 GOLD](#)

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
3D

Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[05P MTA156 HDR ASSY FL ST 30AU](#)

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

PCB Mounting Orientation

Vertical

Product Type

Connector

	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
<hr/>		
Configuration Features	Number of Positions	5
	Number of Rows	1
	Backwall/Post Interruptions	Without
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	600
<hr/>		
Body Features	Header Type	Unshrouded
<hr/>		
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 μm [29.92 μin]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness	3.81 – 8.89 μm [150 – 350 μin]
	Underplate Material Thickness	1.27 μm, 50 μin
	Contact Shape	Round
	Tail Plating Material	Tin-Lead
	Contact Termination Area Plating Material	Tin-Lead
	Tail Plating Thickness	3.81 – 8.89 μm [150 – 350 μin]
	Contact Type	Pin
	Contact Current Rating (A)	7
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Bright
Contact Base Material	Copper Alloy	
<hr/>		
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder
<hr/>		
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	With

PCB Mount Retention	Without
Contact Retention	Without
Mating Retention Type	Friction Lock
Panel Mount Retention	Without
Mating Alignment	Without

Housing Features	Centerline	3.96 mm [.156 in]
	Housing Color	Natural
	Housing Style	Friction Lock
	Housing Material	Polyester - GF

Dimensions	Tail Length	3.18 mm [.125 in]
	Mating Post Length	10.16 mm [.4 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Height	10.8 mm [.425 in]
	Length	19.81 mm [.78 in]

Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
------------------	-----------------------------	--------------------------------------

Operation/Application	For Use With	MTA .156 Connector Assembly or SL .156 Connector Assembly
	Pick and Place Cover	Without

Industry Standards	UL Flammability Rating	UL 94V-0
	UL File Number	E28476
	CSA Rating	Certified
	Agency/Standard	CSA, UL
	CSA File Number	LR7189
	UL Rating	Recognized

Packaging Features	Packaging Method	Package
	Packaging Quantity	875

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA156

**05P MTA156 CONN
ASSY 22AWG LF**
- 3-644662-5

TE INTERNAL NUMBER: 3-644662-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **5**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA156

**05P MTA156 CONN
ASSY 20AWG LF**
- 3-644663-5

TE INTERNAL NUMBER: 3-644663-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **5**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA156

**05P MTA156 CONN
ASSY 22AWG LF**
- 3-644720-5

TE INTERNAL NUMBER: 3-644720-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **5**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**



