

3-644613-4 ✓ ACTIVE



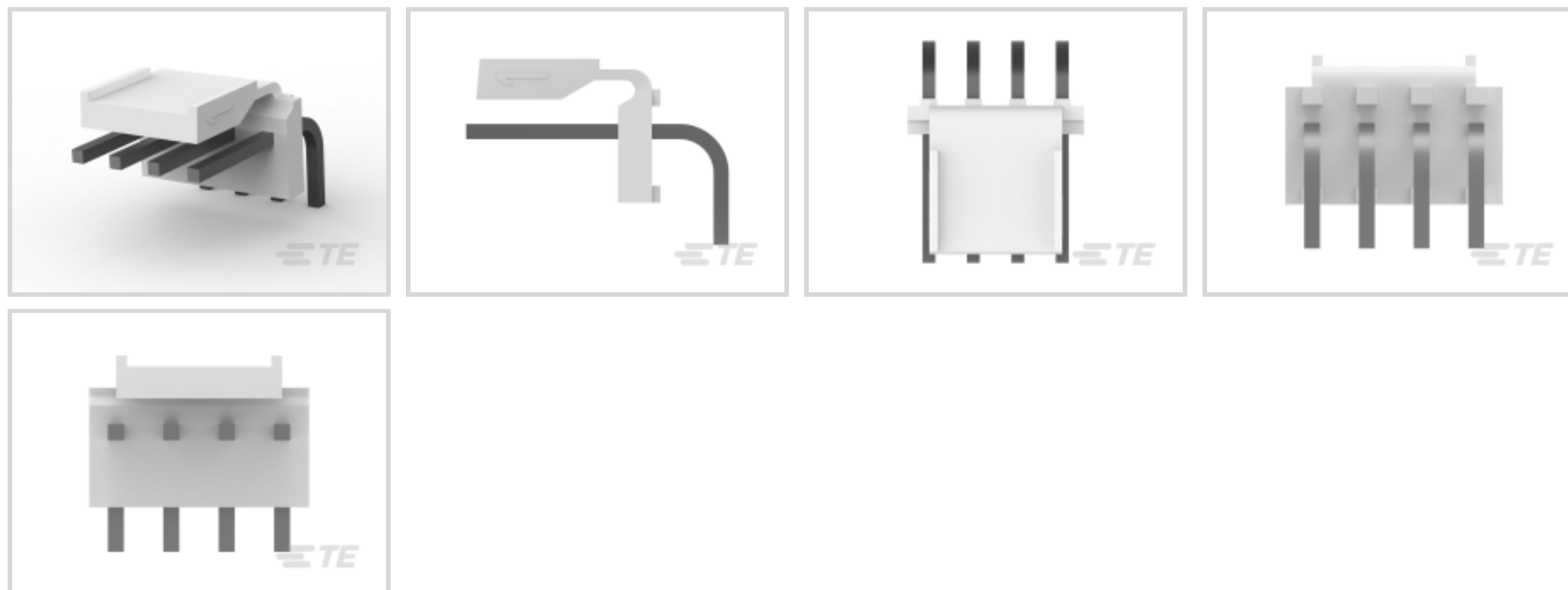
MTA 156

TE Internal #: 3-644613-4

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Power, MTA 156

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Columns	4
Number of Loaded Positions	4



Keying & Polarized Position Locations	None
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Number of Power Positions	4
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PCB Mount Orientation	Right Angle
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Number of Positions	4
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Number of Rows	1
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 μm [50 μin]
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Contact Size	1.14mm
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Contact Mating Area Plating Material Thickness	3.81 – 8.89 μm [150 – 350 μin]
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Mating Square Post Dimension	1.14 mm[.045 in]
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Finish	Matte
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PCB Contact Termination Area Plating Material Finish	Matte
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PCB Contact Termination Area Plating Material Thickness	3.81 – 8.89 μm [150 – 350 μin]
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Contact Shape & Form	Square
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Contact Layout	Inline
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Contact Mating Area Length	11.43 mm[.45 in]
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Contact Mating Area Plating Material	Tin
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Contact Type	Tab
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Contact Current Rating (Max)	14.24 A
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Termination Features

Square Termination Post & Tail Dimension	1.14 mm[.045 in]
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Termination Post & Tail Length	3.18 mm[.125 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
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Mating Retention Type	Polarized Lock
Mating Retention	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Mating Entry Location	Side
Housing Material	Thermoplastic Polyester - Glass-Filled
Right Angle Bending Side	Front
Centerline (Pitch)	3.96 mm [.156 in]

Dimensions

Connector Width	13.84 mm [.545 in]
Connector Height	10.79 mm [.425 in]
Connector Length	15.72 mm [.619 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]

Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part # CAT-103156-WBHSN
Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156



TE Part # 3-640433-4
04P MTA156 CONN ASSY 22AWG RED



TE Part # 3-640602-4
04P MTA156 CONN ASSY 24AWG LF



TE Part # 643067-4
04P MTA156 CMOLDED COVER



TE Part # 3-643818-4
04P MTA156 CONN ASSY 20AWG YEL



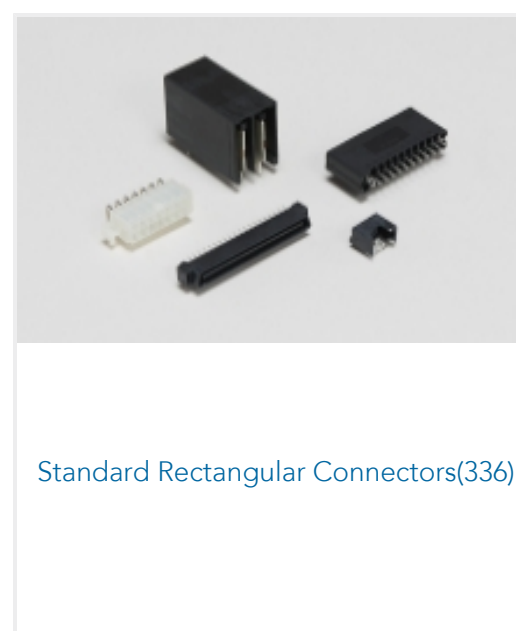
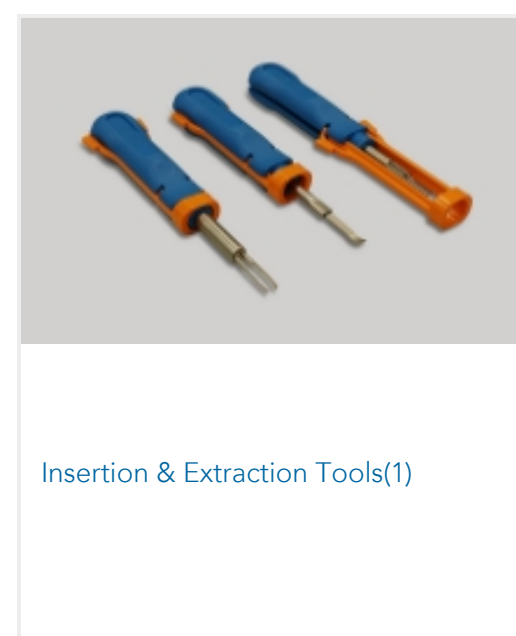
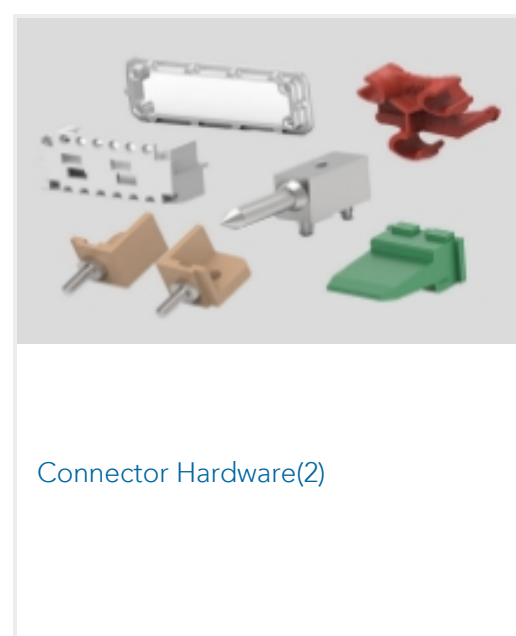
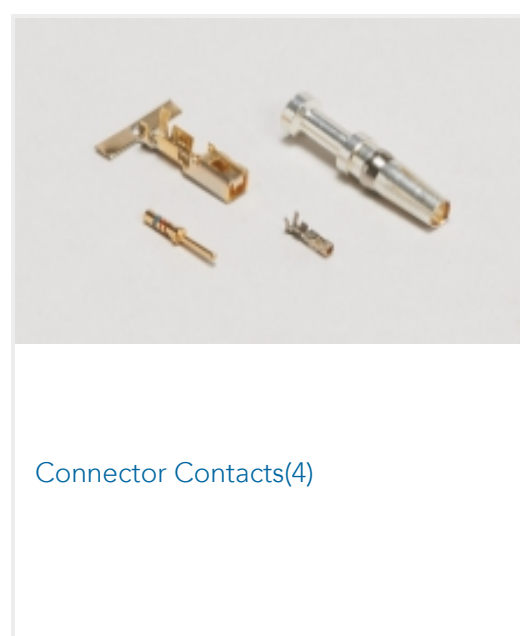
TE Part # 3-640429-4
04P MTA156 CONN ASSY 24AWG WHT



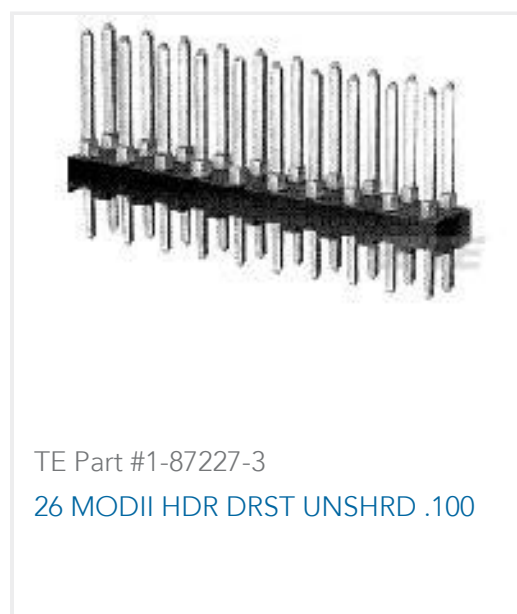
TE Part # 3-640427-4
04P MTA156 CONN ASSY 20AWG YEL



Also in the Series | **MTA 156**



Customers Also Bought



TE Part #1-87227-3
26 MODII HDR DRST UNSHRD .100



TE Part #5-103673-3
4 MTE HDR SRRA LATCH W/HLDWN



TE Part #2-1586546-0
06P CMNL HDR ASSY NATL LF



TE Part #3-644570-4
04P MTA156 CONN ASSY 18AWG LF



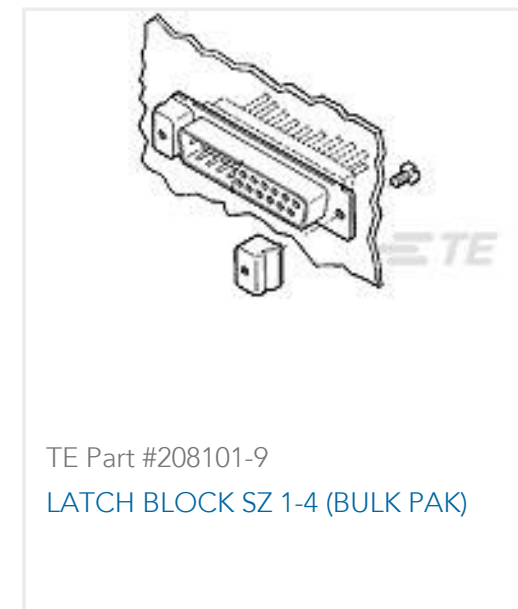
TE Part #1-103311-2
060 LOPRO HDR RA 30DP



TE Part #5212045-1
6 CIRC DIN RCPT GRND SHLD



TE Part #172781-4
LOW PROFILE MINI AMP-IN
(AWG#30-#26)Y-TY



TE Part #208101-9
LATCH BLOCK SZ 1-4 (BULK PAK)

Documents

Product Drawings

[04P MTA156 HDR RA PO WO PEG LF](#)

English

CAD Files

Customer View Model

[ENG_CVM_3-644613-4_E.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-644613-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-644613-4_E.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-644613-4_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644613-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644613-4_D.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English