

5055557-4 ✓ ACTIVE

## AMP POWER TAP

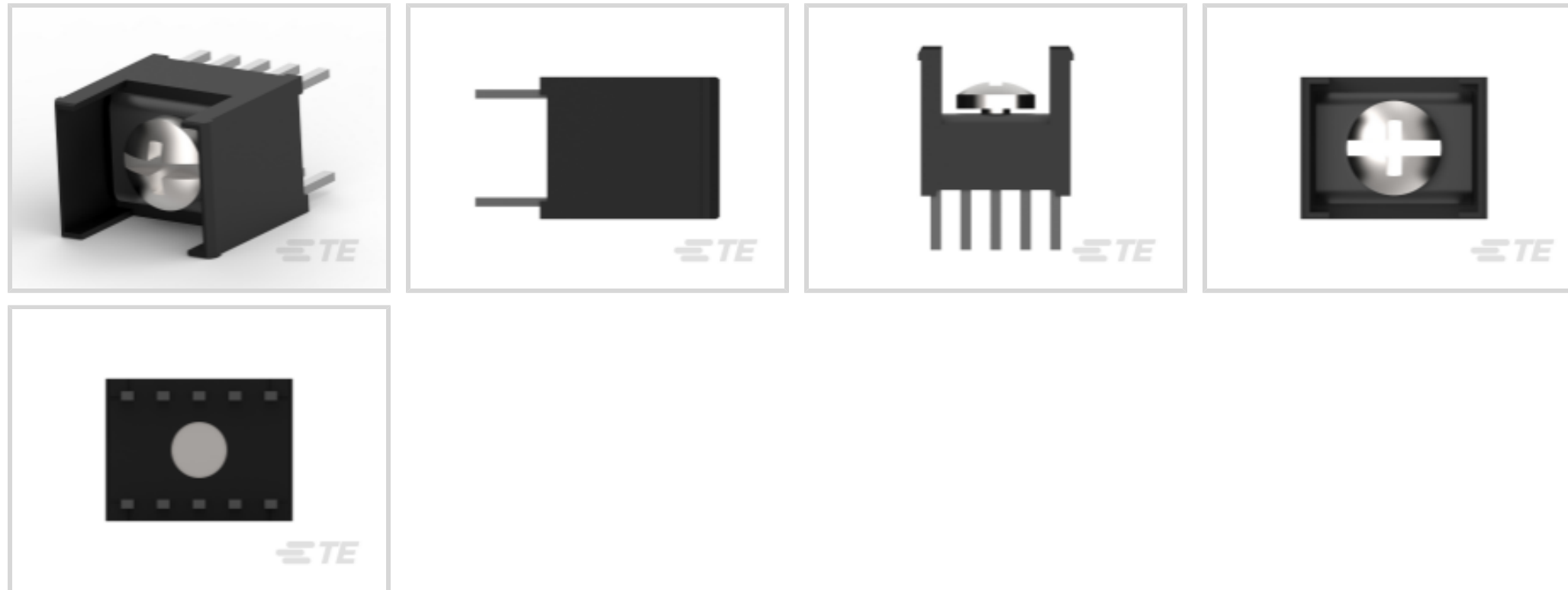
TE Internal #: 5055557-4

Power Terminals, Power Tap, Terminates To Printed Circuit Board,  
10 Position, 2.54 mm [.1 in] Centerline, Vertical, Stamped &  
Formed, Tin, Tin

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Terminals & Splices > Power Terminals



Power Terminal Type: **Power Tap**

Product Terminates To: **Printed Circuit Board**

Number of Positions: **10**

Contact Current Rating (Max): **25 A**

Centerline (Pitch): **2.54 mm [.1 in]**

### Features

#### Product Type Features

Footprint	7.62 x 2.54 mm [.3 x .1 in]
Power Terminal Type	Power Tap

#### Configuration Features

Number of Positions	10
PCB Mount Orientation	Vertical

#### Body Features

Terminal Profile	High
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#### Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	25 A
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.81 $\mu$ m [150 $\mu$ in]



PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	3.81 µm[150 µin]
Contact Base Material	Copper Alloy

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Method to Wire & Cable	Tap Screw
Product Terminates To	Printed Circuit Board

### Mechanical Attachment

Thread Size	6-32
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### Housing Features

Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]

### Dimensions

PCB Thickness (Recommended)	1.57 - 3.18 mm[.062 - .125 in]
Product Length	12.7 mm[.5 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 - 85 °C[-67 - 185 °F]

### Packaging Features

Packaging Method	Carton
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## 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: JAN 2024 (240) 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>

## Customers Also Bought



TE Part # 8-2176070-6  
3521 36K 1% 2W



TE Part # 6-1879022-3  
SMD Power Resistor: 7 Watt, 200-2M Ohm



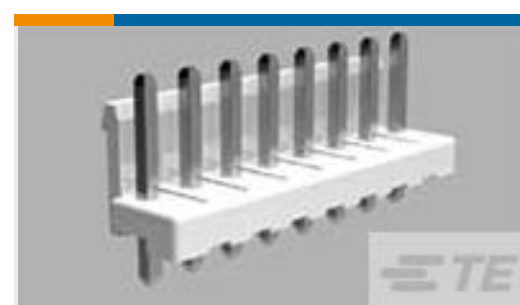
TE Part # 4-1393236-3  
V23092-A1060-A301



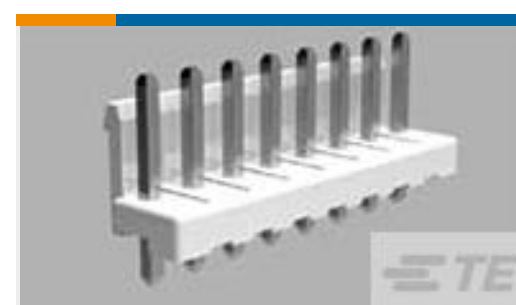
TE Part # 3-644613-4  
04P MTA156 HDR RA PO WO PEG LF



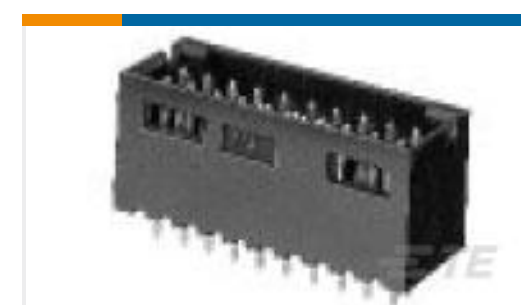
TE Part # 3-641210-2  
02P MTA156 HDR FLRA FB 30AU LF



TE Part # 1-1318300-6  
3.96 EP HDR ASSY 6P NAT/TUBE



TE Part # 1-1318300-7  
3.96 EP HDR ASSY 7P NAT/TUBE



TE Part # 6-103168-0  
24 MODII HDR DRST SHRD .100CL



TE Part # 646502-1  
2MM HM DUST PROTECTOR TYPE A /B

## Documents

## Product Drawings

10 POWER TAP ASSY .100

English

## CAD Files



**Customer View Model**

[ENG\\_CVM\\_CVM\\_5055557-4\\_B.2d\\_dxf.zip](#)

English

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5055557-4\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5055557-4\\_B.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

English

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

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**Product Specifications**

[Application Specification](#)

English