

# 42101-2 ✓ ACTIVE

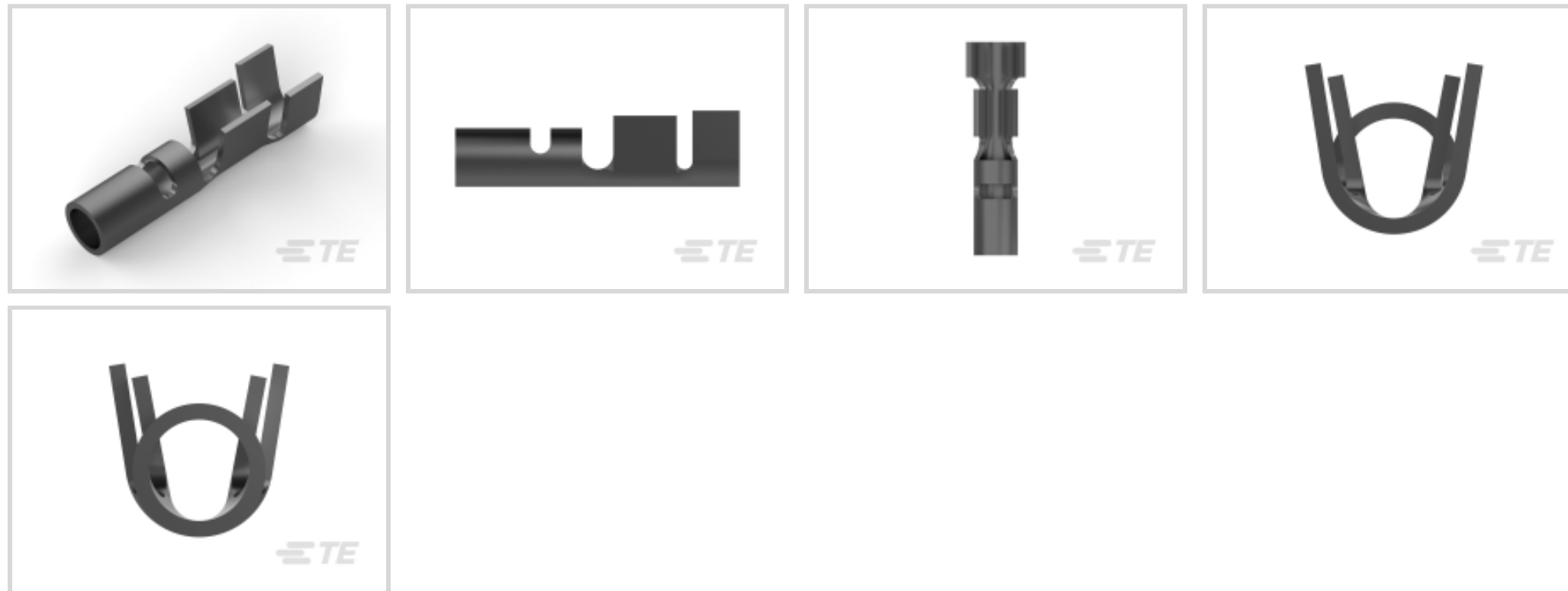
TE Internal #: 42101-2

Crimp Wire Pins, Tabs & Ferrules, Receptacle, Pin Diameter 2.36 mm [.093 in], 18 – 16 AWG Wire Size, .8 – 1.3 mm<sup>2</sup> Wire Size, 1624 – 2582 CMA Wire Size

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Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Pin, Tab & Ferrule Terminal Type: **Receptacle**

Pin Diameter: **2.36 mm [.093 in]**

Accepts Wire Insulation Diameter Range: **2.29 – 3.05 mm, 3.05 mm [.09 – .12 in, .12 in]**

Wire Size: **.8 – 1.3 mm<sup>2</sup>**

## Features

### Product Type Features

|                                    |          |
|------------------------------------|----------|
| Compatible With Discrete Wire Type | Stranded |
|------------------------------------|----------|

### Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

### Contact Features

|                                             |            |
|---------------------------------------------|------------|
| Crimp Wire Pin, Tab & Ferrule Terminal Type | Receptacle |
|---------------------------------------------|------------|

|             |      |
|-------------|------|
| Barrel Type | Open |
|-------------|------|

|                           |     |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|

|                      |          |
|----------------------|----------|
| Terminal Orientation | Straight |
|----------------------|----------|

### Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

### Dimensions

|              |                   |
|--------------|-------------------|
| Pin Diameter | 2.36 mm [.093 in] |
|--------------|-------------------|

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Accepts Wire Insulation Diameter Range | 2.29 – 3.05 mm, 3.05 mm [.09 – .12 in][.12 in] |
|----------------------------------------|------------------------------------------------|

|           |                 |
|-----------|-----------------|
| Wire Size | 1624 – 2582 CMA |
|-----------|-----------------|

|                        |                                  |
|------------------------|----------------------------------|
| Barrel Inside Diameter | 1.27 mm, 2.54 mm [.05 in][.1 in] |
|------------------------|----------------------------------|



|                             |                 |
|-----------------------------|-----------------|
| Terminal Material Thickness | .35 mm[.014 in] |
|-----------------------------|-----------------|

|                        |                  |
|------------------------|------------------|
| Overall Product Length | 14.22 mm[.56 in] |
|------------------------|------------------|

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

### Operation/Application

|            |    |
|------------|----|
| Heavy Duty | No |
|------------|----|

### Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 10000 |
|--------------------|-------|

|                  |      |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

### Other

|         |                                          |
|---------|------------------------------------------|
| Comment | Has locking feature for pin with indent. |
|---------|------------------------------------------|

## 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|-------------------------------------------------------------------------------------|

|                           |                                              |
|---------------------------|----------------------------------------------|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|----------------------------------------------|

#### 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 # 140712-2  
PIN .155 DIA REC 18-14 AWG TPBR

TE Part # 153209-2  
SHUR PLUG .18 DIA REC 18-16 AWG TPBR

TE Part # 60733-1  
PIN .090 RECEPTACLE TPPHBZ

TE Part # 154740-2  
PIN .175 DIA REC 20-16AWG PB

TE Part # 2-2150787-1  
OCEAN\_2.0\_Applicator-E-080F1400

TE Part # 2-2150787-2  
OCEAN\_2.0\_Applicator-E-080F1400A

TE Part # 2150787-1  
OCEAN\_2.0\_Applicator-E-080F1400

TE Part # 2150787-2  
OCEAN\_2.0\_Applicator-E-080F1400A

TE Part # 7-2150787-1  
OCEAN\_2.0\_Applicator-E-080F1400

TE Part # 7-2150787-2  
OCEAN\_2.0\_Applicator-E-080F1400A

TE Part # 7-2150787-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F1400

TE Part # 60884-3  
PIN REC 22-18 AWG .0126 X .380 TPBR

## Customers Also Bought

TE Part #81665-4  
ECONOSEAL, FLANGE GASKET

TE Part #8-2176070-8  
3521 43K 1% 2W

TE Part #66024-2  
TAB,PIDG TERMI-BK 16-14

TE Part #5-103904-3  
4 MTE HDR SRRA LATCH W/HLDWN

TE Part #5-103634-4  
05 MTE HDR SRRA LATCH.100CL LF

TE Part #794954-8  
8P RCPT VAL-U-LOK V2

TE Part #280919-2  
FF 187 REC 0.5-1.5MM2 TPBR

TE Part #61012-3  
PIN .109 RECEPTACLE 18-14 AWG TPBR



## Documents

### Product Drawings

#### PIN RECEPTACLE 18-16 AWG TPBR

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42101-2\\_V.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42101-2\\_V.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42101-2\\_V.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

#### Application Specification

English

#### Pin Receptacle Contact With Closed Seam

English

### Product Environmental Compliance

[MD\\_42101-2\\_020620182354\\_dmtec](#)

English

[MD\\_42101-2\\_020620182354\\_dmtec](#)

English