

5-208550-1 ✓ ACTIVE

## AMPLIMITE

TE Internal #: 5-208550-1

Box Mount D-Sub Connectors, Receptacle, Cable-to-Cable, 36  
Position, Power/Signal/Coax Combination, Size 5, Socket, Size 20 /  
8

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Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Cable**

Number of Positions: **36**

Power/Signal/Coax Combination: **Yes**

D-Sub Shell Size: **5**

### Features

#### Product Type Features

|                          |                |
|--------------------------|----------------|
| Product Type             | Connector      |
| Connector & Housing Type | Receptacle     |
| Connector System         | Cable-to-Cable |
| D-Sub Shell Size         | 5              |
| Sealable                 | No             |
| Blindmate                | No             |

#### Configuration Features

|                               |     |
|-------------------------------|-----|
| Number of Positions           | 36  |
| Power/Signal/Coax Combination | Yes |

#### Body Features

|  |                 |
|--|-----------------|
| Box Mount D-Sub Connector Insert Arrangement | 36C4            |
| Retention Clip Material                      | Stainless Steel |
| Shell Plating Material                       | Zinc            |
| Shell Material                               | Steel           |
| Non-Magnetic                                 | No              |

#### Contact Features

|                    |        |
|--------------------|--------|
| Contact Type       | Socket |
| D-Sub Contact Size | 20, 8  |



|                              |             |
|------------------------------|-------------|
| Contact Current Rating (Max) | 7.5 A, 32 A |
|------------------------------|-------------|

### Mechanical Attachment

|                        |                 |
|------------------------|-----------------|
| Mounting Hole Diameter | 3.05 mm[.12 in] |
|------------------------|-----------------|

### Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 2.77 mm[.109 in] |
|--------------------|------------------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                      |    |
|----------------------|----|
| ULTRA-LITE Connector | No |
|----------------------|----|

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                    |    |
|--------------------|----|
| NASA Qualification | No |
|--------------------|----|

### Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

### Other

|         |  |
|---------|--|
| Comment | Cable clamp/strain relief hardware cannot be used with these arrangements. |
|---------|--|

## 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: JUNE 2022 (224)<br>Does not contain REACH SVHC |
|--|---|

|                 |                                      |
|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

|                           |                              |
|---------------------------|------------------------------|
| 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



## Documents

### Product Drawings

[AMPLIMITE RECEPT ASY,COAX MIX](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-208550-1\\_AF.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-208550-1\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-208550-1\\_AF.3d\\_stp.zip](#)

English

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### Agency Approvals

[UL Report](#)

English