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Part Number: [2043160018](#)
Status: **Active**
Overview: Coeur CST High-Current Interconnect System
Description: Coeur CST High-Current Female Socket, Knurled Press-Fit, 3.40mm Diameter

Documents:

| | |
|---|---|
| 3D Model | Packaging Specification 2043180018-PK-000 (PDF) |
| 3D Model (PDF) | Test Summary 2043130018-TS-000 (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification 2043130018-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 2043130018-AS-000 (PDF) | |



Series image - Reference only

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 204316 |
| Application | Board-to-Board, Power |
| Comments | Current and voltage performances are dependent upon application variables Embossed Tape & Reel and Tray packaging available. Contact Molex for information. |
| Overview | Coeur CST High-Current Interconnect System |
| Product Name | Coeur CST |
| UPC | 191130149001 |

Physical

| | |
|--------------------------------|----------------|
| Circuits (Loaded) | 1 |
| Circuits (maximum) | 1 |
| Diameter | 3.40mm |
| Durability (mating cycles max) | 200 |
| Glow-Wire Capable | No |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Silver |
| Net Weight | 4.983/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Retention | None |
| Packaging Type | Tray |
| Pitch - Mating Interface | N/A |
| Polarized to PCB | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Press-Fit |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 75.0A |
| Voltage - Maximum | 600V |

Solder Process Data

| | |
|--|----------|
| Duration at Max. Process Temperature (seconds) | 600 |
| Lead-free Process Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 002 |
| Process Temperature max. C | 205 |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|-------------------|
| Application Specification | 2043130018-AS-000 |
| Packaging Specification | 2043180018-PK-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[204316](#) Series

Mates With

3.40mm Male Pin [203263](#)

Product Specification
Sales Drawing
Test Summary

2043130018-PS-000
2043160018-SD-000
2043130018-TS-000

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