

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2043180018](#)  
**Status:** **Active**  
**Overview:** Coeur CST High-Current Interconnect System  
**Description:** Coeur CST High-Current Female Socket, Surface Mount, 3.40mm Diameter

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2043180018-PK-000 (PDF)</a>
<a href="#">Product Specification 2043130018-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 2043130018-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	<a href="#">204318</a>
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., Current and voltage performances are dependent upon application variables   Embossed Tape & Reel and Tray packaging available. Contact Molex for information.
Overview	<a href="#">Coeur CST High-Current Interconnect System</a>
Product Name	Coeur CST
UPC	191130148981

**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	4.381/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	Surface Mount

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	600
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	205

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2043130018-AS-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

[204318](#) Series

**Mates With**

3.40mm Male Pin [203263](#)

Packaging Specification  
Product Specification  
Sales Drawing

2043180018-PK-000  
2043130018-PS-000  
2043180018-SD-000

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