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**Part Number:** [2082940050](#)  
**Status:** **Active**  
**Overview:** Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems  
**Description:** Pico-EZmate HC PCB Header, 1.80mm Pitch, Single Row, Gold (Au) Plating, 5 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Application Specification 2082980000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 2082949200-SPK-200 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">208294</a>
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	<u>Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems</u>
Product Name	Pico-EZmate HC
Taxonomy	PCB Headers and Receptacles
UPC	195842849075

**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	134.560/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.80mm
Plating min - Mating	0.100µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

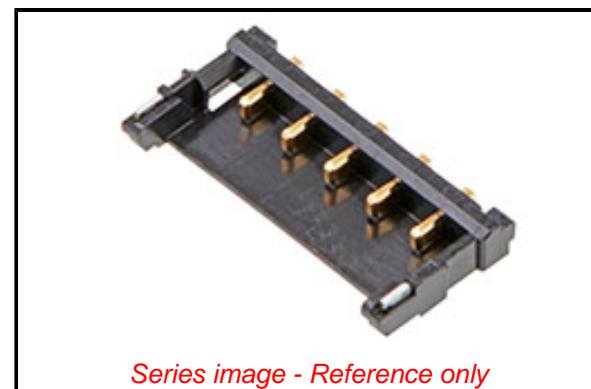
**Electrical**

Current - Maximum per Contact	5.0A
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2082980000-PS-000
Packaging Specification	2082949200-SPK-200



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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**

[208294 Series](#)

**Mates With**

[Pico-EZmate HC Receptacle Housing  
208298](#)

This document was generated on 03/16/2023

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