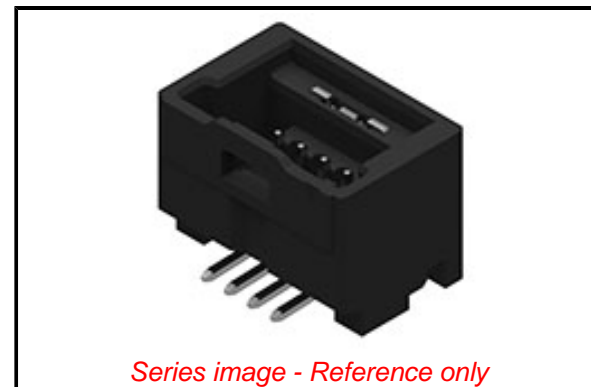


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Part Number: [2016480121](#)
Status: **Active**
Overview: [Spot-On Wire-to-Board Connector System](#)
Description: Spot-On Wire-to-Board Header with Nail, 1.50mm Pitch, Single Row, Vertical, 12 Circuits, Matte Tin (Sn) Plating, Black

Documents:

3D Model	Application Specification 2016440000-A00 (PDF)
Drawing (PDF)	Application Specification 2016440000-A01 (PDF)
3D Model (PDF)	Packaging Specification 2016489200-200 (PDF)
Product Specification 2016470000-000 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Headers
Series	201648
Application	Signal, Wire-to-Board
Overview	Spot-On Wire-to-Board Connector System
Product Name	Spot-On
UPC	889056862028

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	1670.078/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Area
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V AC (RMS)/DC

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not 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

[201648 Series](#)

Mates With

Spot-On Receptacle Housing [201647](#)

Material Info

Reference - Drawing Numbers

Application Specification	2016440000-A00, 2016440000-A01
Packaging Specification	2016489200-200
Product Specification	2016470000-000
Sales Drawing	2016480001-000

This document was generated on 02/27/2021

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