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Part Number: [1042124211](#)
Status: **Active**
Overview: MOX Products
Description: MOX HBC Hybrid Header, Right-Angle, Tin Plating, 42 Circuits

Documents:

[3D Model](#) [Drawing \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	104212
Application	Power, Wire-to-Board
Overview	MOX Products
Product Name	MOX HBC
UPC	889056494427

Physical

Breakaway	No
Circuits (Loaded)	42
Circuits (maximum)	42
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	14.343/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.30mm
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm, 2.95mm, 3.40mm
Pitch - Termination Interface	2.50mm, 2.95mm, 3.40mm
Plating min - Mating	1.524µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

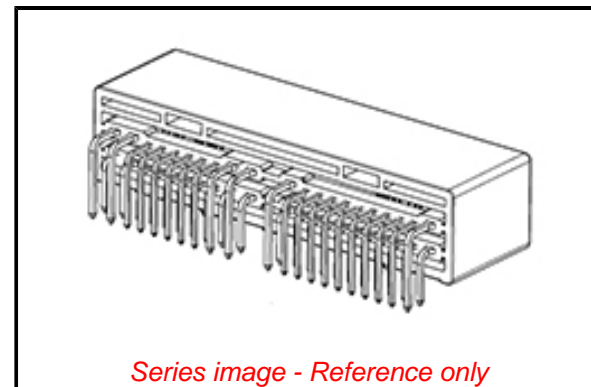
Electrical

Current - Maximum per Contact	10.0A, 5.0A
Voltage - Maximum	13V DC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	1042124211-000
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Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[104212 Series](#)

Mates With

MOX HBC Receptacle Housing [1042132011](#)
, [1042132211](#)

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