

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1042126411](#)
Status: **Active**
Overview: [MOX Products](#)
Description: MOX HBC Hybrid Header, Right-Angle, Tin Plating, 64 Circuits

Documents:

3D Model	Product Specification PS-104212-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-104212-001-001 (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
Taxonomy	PCB Headers and Receptacles
UPC	887191645964

Physical

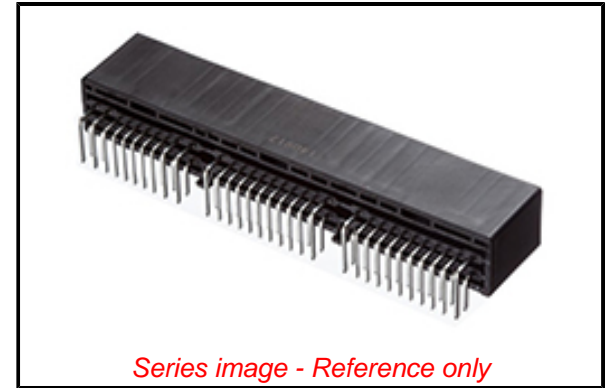
Breakaway	No
Circuits (Loaded)	64
Circuits (maximum)	64
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	21.219/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



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[104212](#) Series

Mates With

MOX HBC Receptacle Housing [1042132011](#)
, [1042132211](#) , [1042132221](#)

Packaging Specification
Product Specification
Sales Drawing

PK-104212-001-001
PS-104212-001-001
SD-104212-001-001

This document was generated on 10/21/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION