

**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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-104212-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-104212-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">104212</a>
Application	Power, Wire-to-Board
Overview	<a href="#">MOX Products</a>
Product Name	MOX HBC
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

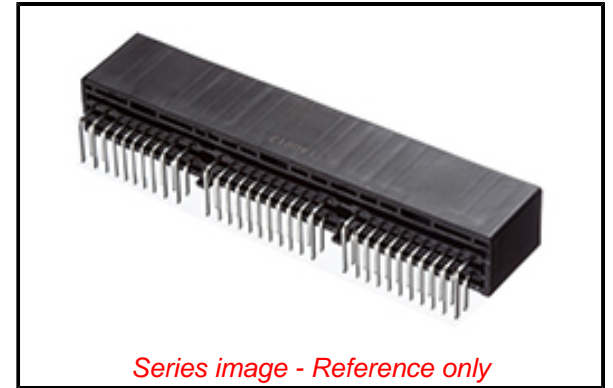
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-104212-001-001
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**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Not Relevant

Compliant

Not Contained

**Search Parts in this Series**

[104212 Series](#)

**Mates With**

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

Product Specification  
Sales Drawing

PS-104212-001-001  
1042126411-000, 1042126491-000, 1046099003-000,  
1046099103-000, 1046109003-000, 1046109103-000,  
SD-104212-001-001

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