

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0986840001**  
**Status:** **Active**  
**Description:** MOST Receptacle Housing, for 0.635mm MOX Terminals, 12 Circuits, Key A, Black

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-98684-001-001 \(PDF\)](#)  
[Product Specification PS-98681-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-98681-002-001 \(PDF\)](#)

**General**

Product Family	Crimp Housings
Series	98684
Application	Power, Wire-to-Board
Comments	Part conforms to USCAR2 Rev. 3
More Detailed Tech Information	<a href="http://uscar.org/guest/teams/10/Electrical-Wiring-Component-Applications-Partnership">http://uscar.org/guest/teams/10/Electrical-Wiring-Component-Applications-Partnership</a>
Product Name	MOST
UPC	756054608654

**Physical**

Breakaway	No
Circuits (maximum)	12
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	2.420/g
Number of Rows	2
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.54mm
Stackable	No
Temperature Range - Operating	-40° to +85°C

**Electrical**

Current - Maximum per Contact	7.5A
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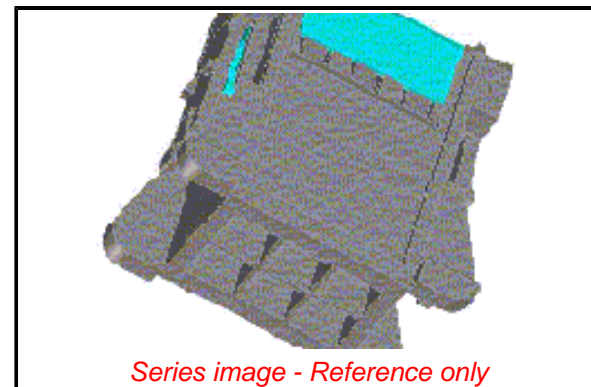
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-98681-002-001
Packaging Specification	PK-98684-001-001
Product Specification	PS-98681-001-001
Sales Drawing	SD-98684-001-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

98684 Series

**Mates With**

986811001 , 986811002 , 91500

**Use With**

98658

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