

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

**Part Number:** [0986851001](#)  
**Status:** **Active**  
**Description:** MOST Receptacle Power Connector, with TPA Lock, for 2.80mm Terminals, 8 Circuits, Black

**Documents:**

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

**General**

Product Family	Crimp Housings
Series	<a href="#">98685</a>
Application	Power, Wire-to-Board
Comments	Part conforms to USCAR2 Rev. 3 and Ford SDS Rev. 10 / Terminal cavities designed for Tyco MPQ 2.80mm terminals
Product Name	MOST
Taxonomy	Connector Housings
UPC	756054636756

**Physical**

Circuits (maximum)	8
Color - Resin	Black, Natural
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene, Polyester
Net Weight	3.490/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	5.08mm
Stackable	No
Temperature Range - Operating	-40° to +85°C

**Electrical**

Current - Maximum per Contact	24.0A
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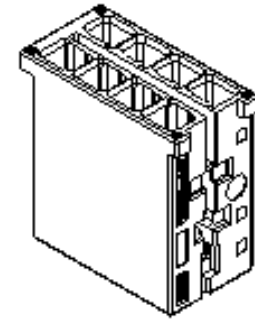
**Solder Process Data**

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

**Reference - Drawing Numbers**

Application Specification	AS-98681-002-001
Product Specification	PS-98681-001-001
Sales Drawing	SD-98685-001-001



*Series image - Reference only*

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[98685 Series](#)

**Mates With**

[986811001](#) , [986811002](#) , [91500](#)

**Use With**

2.8mm MPQ terminals