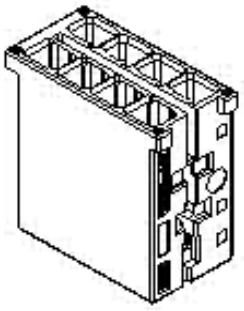
Part Number : 986851001
Product Description : MOST Receptacle Power Connector, with TPA Lock, for 2.80mm Terminals, 8 Circuits, Black
Series Number : 98685
Status : Obsolete
Product Category : Connector Housings



Documents and Resources

Drawings

986851001_sd.pdf

Specifications

AS-98681-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

Obsolete

Downloaded from Arrow.com.

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	Connector Housings
Series	98685
Description	MOST Receptacle Power Connector, with TPA Lock, for 2.80mm Terminals, 8 Circuits, Black
Application	Wire-to-Board
Comments	Part conforms to USCAR2 Rev. 3 and Ford SDS Rev. 10 / Terminal cavities designed for Tyco MPQ 2.80mm terminals
Component Type	Receptacle
Product Name	MOST
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	3.400/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

Solder Process Data

Obsolete

Downloaded from Arrow.com.

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
MOST Frame Receptacle Housing with Lever and Cable Cover Option, 40 Electrical and 4 Optical Circuits (optional)	986811001

Use with Part(s)

Description	Part Number
Use With	2.8mm MPQ terminals

This document was generated on Nov 07, 2026

Obsolete

Downloaded from Arrow.com.