

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

**Part Number:** [1728770002](#)  
**Status:** **Active**  
**Overview:** [ValuSeal Wire-to-Wire Connector System](#)  
**Description:** [ValuSeal Plug Housing, 2 Circuit, 4.00mm Pitch, Positive Latch, Natural](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-172877-0001-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 1728770001-TS-000 (PDF)</a>
<a href="#">Product Specification 1728770001-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 1728770001-AS-000 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">172877</a>
Application	Power, Sealed, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG, See Product Specification for maximum current rating by circuit size and wire AWG
Overview	<a href="#">ValuSeal Wire-to-Wire Connector System</a>
Product Name	ValuSeal
UPC	889056298179

**Physical**

Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polypropylene
Net Weight	3.193/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.00mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +85°C

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification	1728770001-AS-000
Packaging Specification	PK-172877-0001-000
Product Specification	1728770001-PS-000
Sales Drawing	SD-172877-0001-000
Test Summary	1728770001-TS-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172877 Series](#)

**Mates With**

ValuSeal Receptacle Housing [172878](#)

**Use With**

ValuSeal Male Crimp Terminal [173041](#)

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