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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:

Drawing (PDF)	Packaging Specification PK-172877-0001-000 (PDF)
Product Specification 1728770001-PS-000 (PDF)	Test Summary 1728770001-TS-000 (PDF)
Product Specification AS-172877-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 1728770001-AS-000 (PDF)	



Agency Certification

UL E29179

General

Product Family	Crimp Housings
Series	172877
Application	Power, Sealed, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	ValuSeal™ Wire-to-Wire Connector System
Product Name	ValuSeal™
UPC	889056298179

Physical

Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Compliant	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°C to +85°C

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification	1728770001-AS-000
Packaging Specification	PK-172877-0001-000
Product Specification	1728770001-PS-000, AS-172877-0001-001
Sales Drawing	SD-172877-0001-000
Test Summary	1728770001-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

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](#)