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Part Number: [1730420001](#)
Status: **Active**
Overview: [ValuSeal Wire-to-Wire Connector System](#)
Description: [ValuSeal Crimp Terminal, Female, 16-18 AWG, Tin \(Sn\)](#)

Documents:

Drawing (PDF)	Packaging Specification PK-173041-0001-000 (PDF)
Product Specification 1728770001-PS-000 (PDF)	Test Summary 1728770001-TS-000 (PDF)
Application Specification 1728770001-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	173042
Application	Power, 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
Crimp Quality Equipment	Yes
Overview	ValuSeal Wire-to-Wire Connector System
Product Name	ValuSeal
UPC	889056306553

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.152/g
Packaging Type	Reel
Plating min - Mating	1.524µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.90-2.03mm
Wire Size AWG	16, 18
Wire Size mm ²	0.82-1.31

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	250V AC

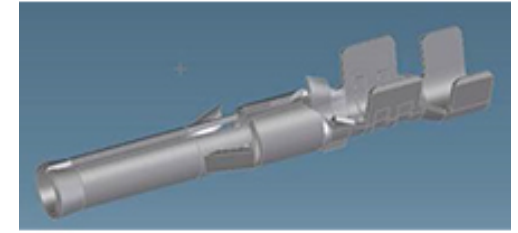
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	1728770001-AS-000
Packaging Specification	PK-173041-0001-000
Product Specification	1728770001-PS-000
Sales Drawing	SD-173042-0001-000
Test Summary	1728770001-TS-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

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

[173042](#) Series

Use With

ValuSeal Receptacle Housing [172878](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Hand Crimp Tool for	638278200
ValuSeal Terminals,	
16 AWG UL1061, 18	
AWG UL1007 and 18	
AWG UL1095 Wires	
FineAdjust Applicator	639038900
for ValuSeal	
Terminals, 16 AWG	
UL1061, 18 AWG	
UL1007 and 18 AWG	
UL1095 wires	

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