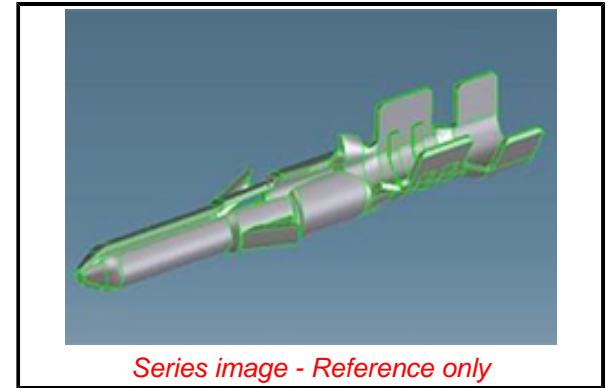


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1730410001](#)
Status: **Active**
Overview: ValuSeal™ Wire-to-Wire Connector System
Description: ValuSeal™ Crimp Terminal, Male, 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)
Product Specification AS-172877-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 1728770001-AS-000 (PDF)	



General

Product Family	Crimp Terminals
Series	173041
Application	Power
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment	Yes
Overview	<u>ValuSeal™ Wire-to-Wire Connector System</u>
Product Name	ValuSeal™
UPC	889056306539

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.139/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.90-2.30mm
Wire Size AWG	16, 18
Wire Size mm²	0.82-1.31

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	1728770001-AS-000
Packaging Specification	PK-173041-0001-000
Product Specification	1728770001-PS-000, AS-172877-0001-001
Sales Drawing	SD-173041-0001-000
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

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

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[173041](#) Series

Use With

ValuSeal™ Plug Housing [172877](#)

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

FineAdjust™

Applicator for

ValuSeal™

Terminals, 16 AWG

UL1061, 18 AWG

Product #

[0639038900](#)

This document was generated on 03/10/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION