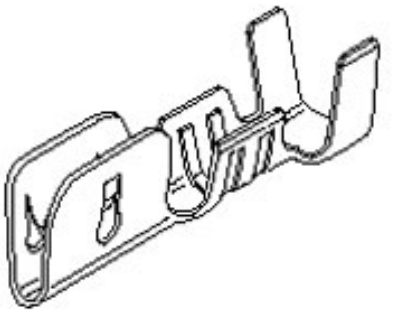
This document was generated on 03/11/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0040062005

Status: Active

Description: Panel Grounding Clip Crimp Terminal 42172, 16-18 AWG, 301 Stainless Steel, 1.27mm (.050") Panel Thickness



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E126412

General

Product Family	Crimp Terminals
Series	42172
Comments	(2) 18 AWG, or (1) 18 and (1) 16 AWG
Crimp Quality Equipment	Yes
Product Name	Panel Grounding Clip

Physical

Gender	Female
Material - Metal	Stainless Steel
Material - Plating Mating	Unplated
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.00mm (.118") max
Wire Size AWG	16, 18
Wire Size mm²	N/A

Material Info

Old Part Number	42172B1

Reference - Drawing Numbers

Sales Drawing	SD-42172-**

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
42172Series

Application Tooling | **FAQ**

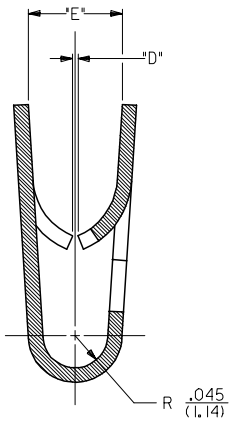
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

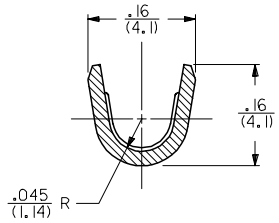
Description	Product #
Mini-Mac™ Applicator	0638913000

This document was generated on 03/11/2010

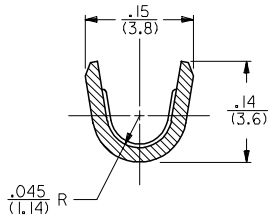
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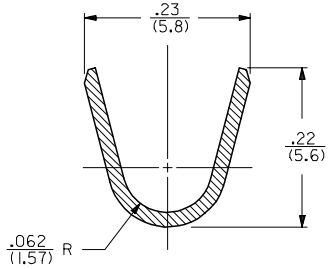
SECTION A-A
SCALE 8:1



SECTION B-B
SCALE 8:1
14 AWG WIRE



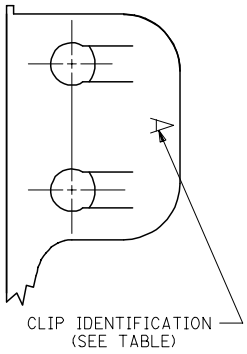
SECTION B-B
SCALE 8:1
18-16 AWG WIRE

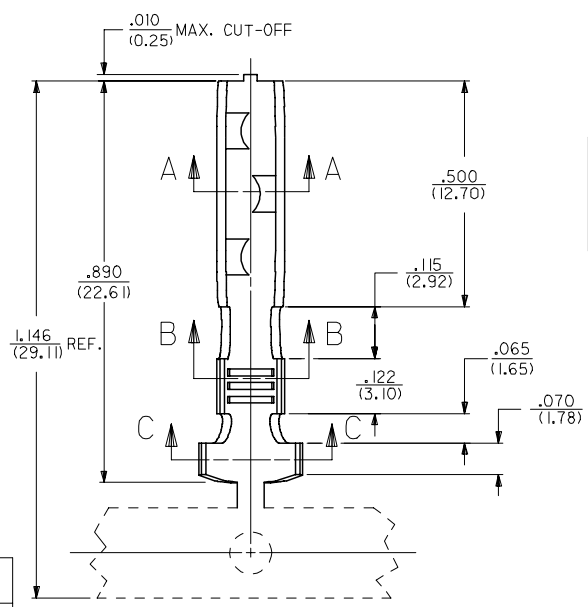


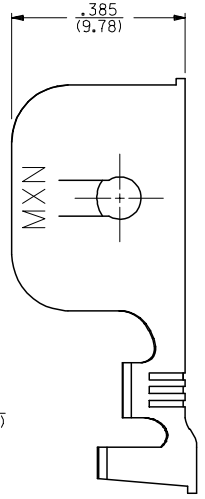
SECTION C-C
SCALE 8:1

NOTES:
1. THIS GROUND CLIP CRIMPS TO #14- #18 AWG WIRE WITH .031/(.79) THICK INSULATION, SEE CHART, AND IS INTENDED FOR USE ONLY AS A SECONDARY GROUND.

MATERIAL:
STEEL, STAINLESS, TYPE 301, .020/(.51) THICK.







PART NO.	ENG. NO.	DIM. "D"	DIM. "E"	PANEL THICKNESS RANGE	WIRE GAGE	DOUBLE WIRE COMBINATION
040-06-2015	42172-BB1	.025/(0.64)	.13/(3.3)	.035/(0.89)-.050/(1.27)	14 AWG	(2) #16 AWG
040-06-2014	42172-AA1	.008/(0.20)	.11/(2.8)	.015/(0.38)-.035/(0.89)	14 AWG	
050-29-1597	42172-H1	.035/(0.89)	.13/(3.3)	.045/(1.14)-.060/(1.52)	18-16 AWG	(2) #18 AWG OR (1) #18 & (1)#16
040-06-2017	42172-F1	.015/(0.38)	.11/(2.8)	.020/(0.51)-.030/(0.76)	18-16 AWG	
040-06-2013	42172-C1	.050/(1.27)	.13/(3.3)	.060/(1.52)-.075/(1.91)	18-16 AWG	
040-06-2005	42172-B1	.025/(0.64)	.13/(3.3)	.035/(0.89)-.050/(1.27)	18-16 AWG	
040-06-2003	42172-A1	.008/(0.20)	.11/(2.8)	.015/(0.38)-.035/(0.89)	18-16 AWG	
040-06-2024	42172-G1	.004/(0.10)	.11/(2.8)	.015/(0.38)-.035/(0.89)	18-16 AWG	

REM GEOM OUTSIDE DWG
EC NO: DRWN: CSTEWART 2005/11/22
CHKD: APPR:
REV: R1 DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± .014
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 5:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	DATE
MAB	07-24-92
CHECKED BY	DATE
KBP	07-24-92
APPROVED BY	DATE
RAS	07-24-92

TITLE: GROUND CLIP

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42172-**
SHEET NO.: 1 OF 1
SIZE: C

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