

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

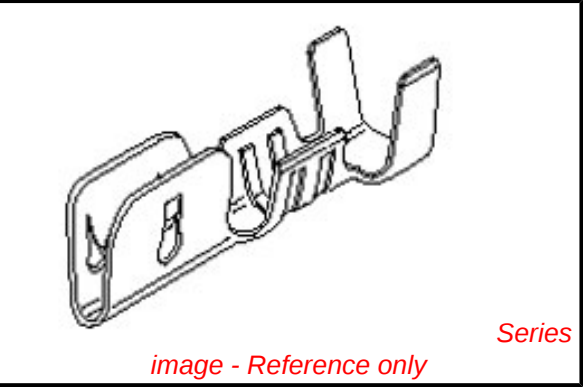
0040062003

Status:

Active

Description:

Panel Grounding Clip Crimp Terminal 42172, 16-18 AWG, 301 Stainless Steel, 0.89mm (.035") Panel Thickness, 0.20mm (.008") Dimension F



Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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
Electrical	
CSA	LR19980
UL	E126412
Material Info	
Old Part Number	42172A
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

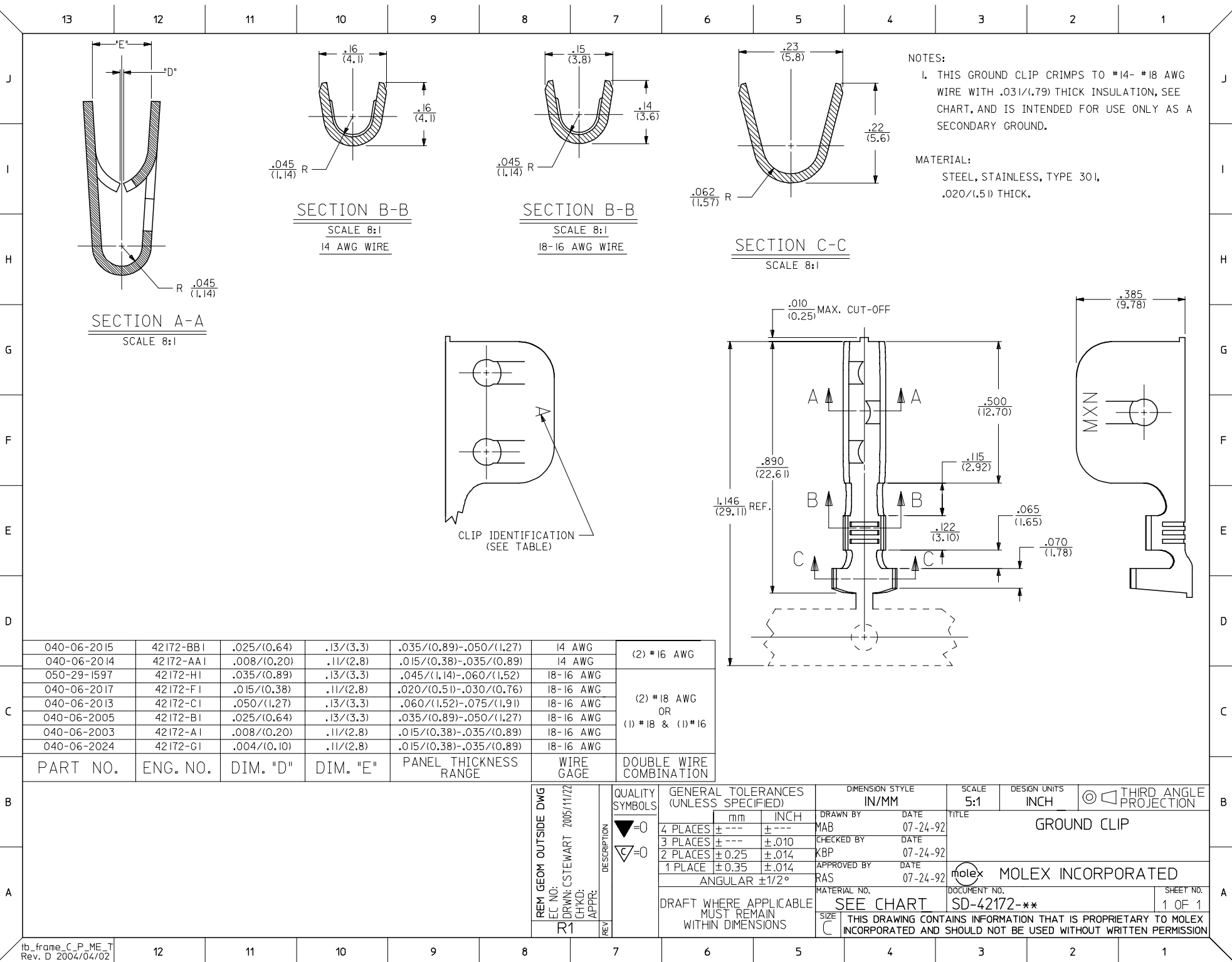
Product #

Mini-Mac™

0638913000

Applicator

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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.

SECTION C-C
SCALE 8:1

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

SECTION B-B
SCALE 8:1
14 AWG WIRE

SECTION A-A
SCALE 8:1

CLIP IDENTIFICATION
(SEE TABLE)

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	
PART NO.	ENG. NO.	DIM. "D"	DIM. "E"	PANEL THICKNESS RANGE	WIRE GAGE	DOUBLE WIRE COMBINATION

REM GEOM OUTSIDE DWG EC NO: DRWN: C STEWART 2005/11/22 CHKD: APPR: R1	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY MAB	DATE 07-24-92	GROUND CLIP			
		4 PLACES ± --- ± ---		CHECKED BY KBP	DATE 07-24-92				
		3 PLACES ± --- ± .010		APPROVED BY RAS	DATE 07-24-92	MOLEX INCORPORATED			
2 PLACES ± 0.25 ± .014		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
1 PLACE ± 0.35 ± .014		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-42172-**		1 OF 1	
ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							