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Part Number:

0444763111

Status:

Active

Overview:

minifit_plus_hcs

Description:

Mini-Fit HCS™ Crimp Terminal 44476, 16 AWG, Reel, Copper (Cu) Alloy, Tin (Sn)

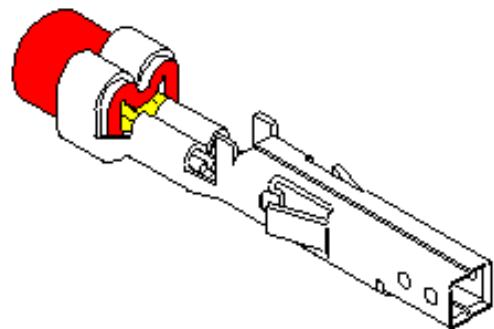


image - Reference only

Series

- Documents:
- Drawing (PDF)

Product Specification PS-44476-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	44476
Comments	High Current
Crimp Quality Equipment	Yes
Overview	minifit_plus_hcs
Product Name	Mini-Fit HCS™

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm (.071-.122")
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	11A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44476-001
Product Specification	PS-44476-001, RPS-44476-001
Sales Drawing	SD-44476-****

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

44476Series

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 Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900
Extraction Tool	0011030044
T2 Terminator	0639102800
Tooling Die	
FineAdjust™	0639002800
Applicator	
FineAdjust™	0639003000
Applicator	

T2 Terminator	<u>0639103000</u>
Tooling Die	
FineAdjust™	<u>0639015300</u>
Applicator for Mini-Fit	
Jr.™, Mini-Fit HCS™	
Crimp Terminals, 16	
AWG and smaller	
insulation	

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ITEM NO.	FORM	WIRE GAGE	QUANTITY PER REEL	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"
44476-1111	CHAIN	18-20 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.30±0.40)	.020 (0.50)
44476-1112	LOOSE			.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
44476-3111	CHAIN	16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
44476-3112	LOOSE			.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)

LEGEND:

44476 - * * 1 *

BASE NO.

WIRE GAGE

1 = 18-20 AWG

3 = 16 AWG

PLATING

SEE NOTE 2

CHAIN OR LOOSE

"1" = CHAIN

"2" = LOOSE

NOTES:

1. MATERIAL: COPPER ALLOY, .008/(.203) THICK.

2. FINISH:

*1 = POSTPLATE .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.

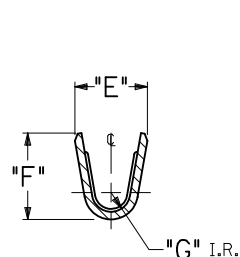
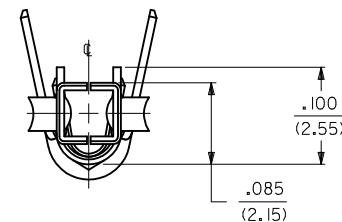
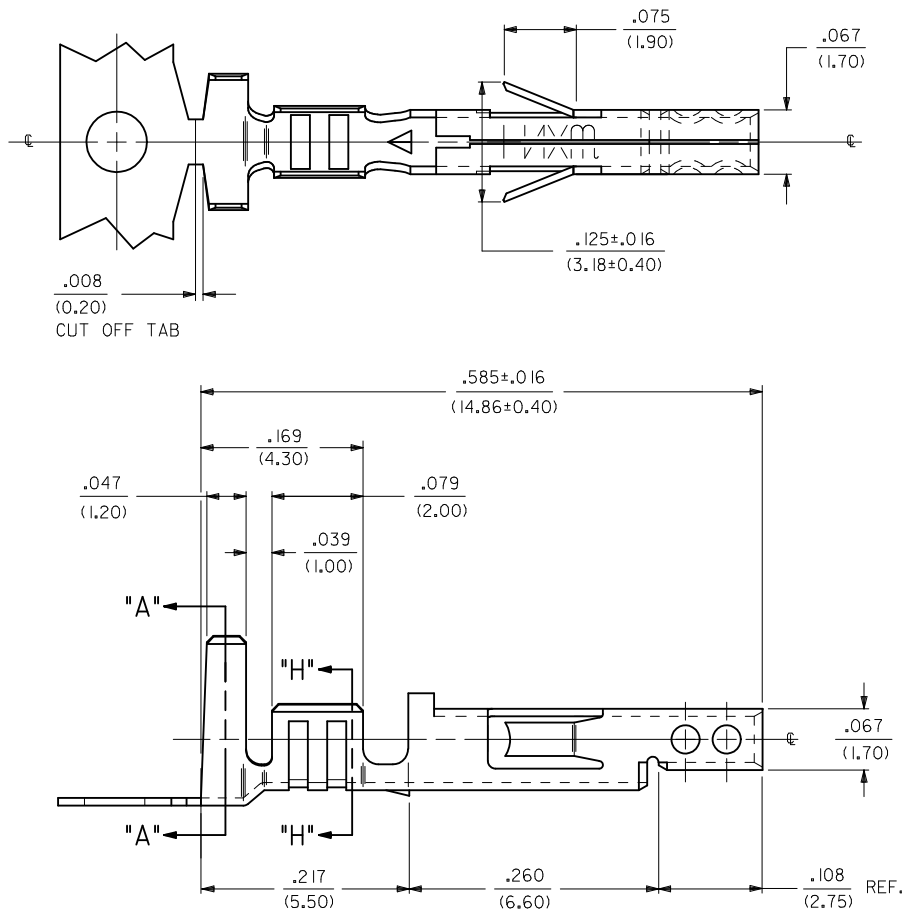
3. PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: SEE PS-44476-001.

4. PACKAGING SPECIFICATION: PK-44476-001 FOR CHAIN TERMINALS
PK-5556-003 FOR LOOSE TERMINALS

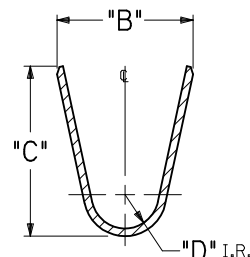
5. MATES WITH 44478 MALE TERMINAL AND 43810, 44068, 44472, 44473, 44474, 42404, 5569 AND 30070 SERIES CONNECTORS.

6. TERMINAL FOR USE WITH 5557, 30067 & 42474 SERIES HOUSINGS.

7. ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.



SECT. "H-H"



SECT. "A-A"

CHANGED NOTE 4
EC NO: UCP2010-0471
DRAWN: JAGUILAR 2009/12/23
CHKD: JEBEL 2009/12/23
APPR: FSMITH 2009/12/28
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	±.010
2 PLACES ±	0.25	±.014
1 PLACE ±	0.38	---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
GEP	1992/09/14
CHECKED BY	DATE
RJF	1992/09/14
APPROVED BY	DATE
RJF	1992/09/14

MATERIAL NO.
SEE CHART

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
10:1	METRIC	

TITLE
**TERMINAL, FEMALE, CRIMP
MINI-FIT H.C.S. SERIES
BLANK-PLATE-FORM**

MOLEX INCORPORATED

DOCUMENT NO.
SD-44476-****

SHEET NO.
1 OF 1

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