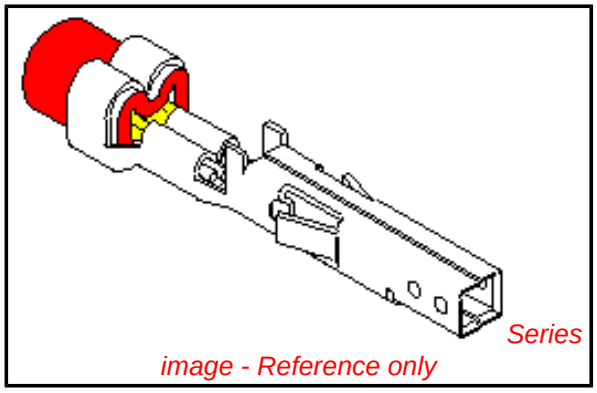
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0444761112
Status: Active
Overview: minifit_plus_hcs
Description: Mini-Fit HCS™ Crimp Terminal 44476, 18-20 AWG, Bag, Copper (Cu) Alloy, Tin (Sn)



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-44476-001 (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	Bag
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm (.051-.122")
Wire Size AWG	18, 20
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	11A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5556-003
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

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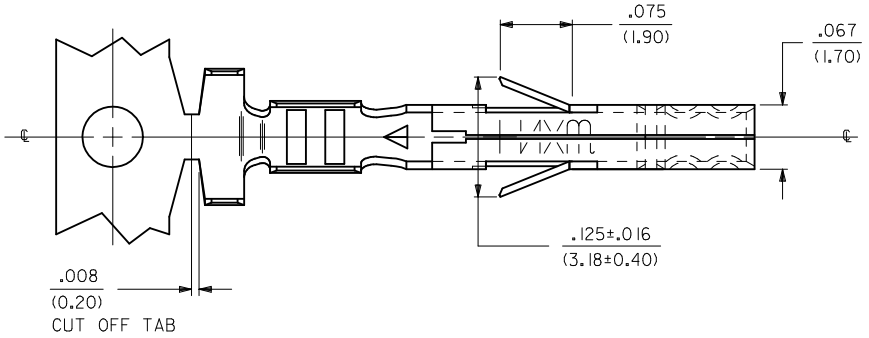
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

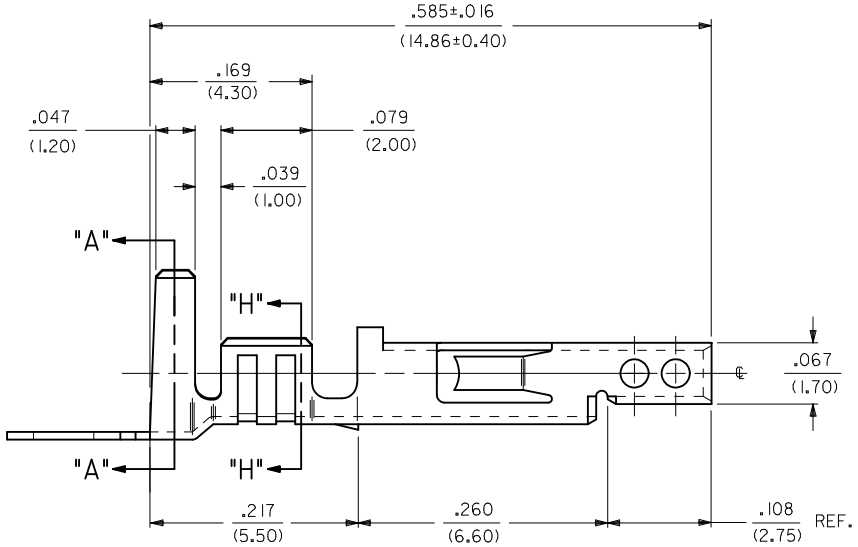
ITEM NO.	FORM	WIRE GAGE	QUANTITY PER REEL	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"
44476-1111	CHAIN	18-20 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.30±0.40)	.020 (0.50)
44476-1112	LOOSE								
44476-3111	CHAIN	16 GA.	4,000	.142±.012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

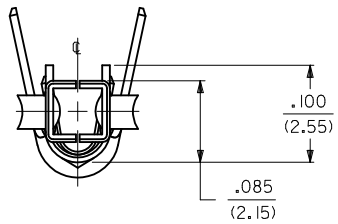
LEGEND:

44476 - * * 1 *

- BASE NO.
- WIRE GAGE
  1 = 18-20 AWG
  3 = 16 AWG
- PLATING
  SEE NOTE 2
- CHAIN OR LOOSE
  "1" = CHAIN
  "2" = LOOSE

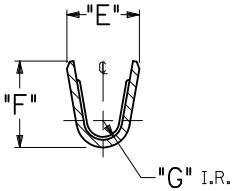




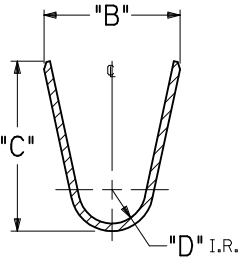


NOTES:

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 PRECEEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.



SECT. "H-H"



SECT. "A-A"

CHANGED NOTE 4
EC NO: UCP2010-0471 2009/12/23
DRWN: JJAGUILAR 2009/12/23
CH'KD: JBELL 2009/12/28
APPR: FSMITH DESCRIPTION
D2 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
SCALE	10:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
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
DOCUMENT NO.	SD-44476-****
SHEET NO.	1 OF 1
SIZE	C

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

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